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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
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1921.

CLIMATOLOGICAL DIVISION.

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1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard for the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, 7, 11, and 13, of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provisions of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, 7, 11, or 13 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All observations, with the exception of the 12 noon local mean time observation, will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data, with the exception of the 12 noon local mean time observation, will be recorded in the standard of time in local use. Data on Form No. 1014, and the notes on Form No. 1083, unless otherwise noted, will be in the standard of time in local use.

FORM No. 4012, MIS.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated and all resulting changes are made in Forms No. 1001, No. 1002, and No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late it will be recorded in brackets with the exact time at which it was taken and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and ending of precipitation), 9, 10, and 13, and must be kept up to date. All footings on pages 4, 5, 7, and 11 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained form No. 1002 before mailing Form No. 1001.

26. The observation will be begun 20 minutes before 8 o'clock, 75th meridian time. The cipher report should be filed at the telegraph office at 8 a. m. or p. m., 75th meridian time. The 12 noon local mean time observation will be begun exactly at that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when specially directed (see pars. 22, 59, 69, 91, and 221). On Forms No. 1001 and No. 1083 erroneous entries in columns for original readings should have an ink line drawn through them. The obliteration of any entry in columns for original readings on Forms No. 1001 and No. 1083 is prohibited.

29. Entries of direction of wind and clouds will be printed thus: N, NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, + .008. The temperature correction card gives a correction of − .089, to which add the sum of correction +.008 = −.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum temperatures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the preceding regular observation.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

47. Instrumental corrections will not be applied to thermometer readings except when they are ± 0.3 or more in the case of mercurial thermometers, and ± 0.5 or more in the case of minimum or alcohol thermometers, except when the temperature is 42° or lower; and except when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0° −0.5°=61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0° −1.2°= −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0° +7.8°= −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0° −2.3°= −37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer readings should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet

bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 219). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 212 and 217–222). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. With the exception mentioned in paragraph 71, the actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

67. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

68. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

69. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twi-

light correction thus entered will be included in the sums entered at the bottom of the page.

70. Under " Hours of sunshine " the column headed " Total " will be the total recorded, including twilight correction. The " Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

71. In order that the first and last of the monthly " sums " under " hours ending " shall not be discordant with the " divisors " employed at the end of the month, the first and last fractional proportions of the " twilight correction " will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

72. The " Percentage of possible hours of sunshine " will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the " Possible " for the same date.

73. The daily sunshine percentage may, at the option of the official in charge, be entered on the right-hand margin of page 8, retained Form 1001.

74. The " Percentage of possible for each hour " will be determined by dividing the " Sums," multiplied by 100, by the number of hours of possible sunshine for the entire month, during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the " Hours of possible sunshine " will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The " Percentage of possible " for the month will be determined by dividing the sum of column headed " Total," multiplied by 100, by the " Possible " for the month. The possible hours for the month is not always the sum of the daily totals. (See paragraph 28, Circular G.)

75. All percentages will be recorded to the nearest whole per cent.

76. If at any time, the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

77. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 76, but the record for the entire time will be in black ink, and the entries for the fractional hours will be recorded to hundredths.

78. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

WIND.

79. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 176-179. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

80. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

81. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

82. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

83. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

84. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0" the direction for that hour will also be " 0."

85. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

86. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

87. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

88. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

89. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

90. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

91. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 165). This velocity will be entered in the space provided at the top of the page.

92. At specially designated stations the number of miles and the length of time from each wind direction will be compiled from the data entered on pages 6 and 7, Form 1001. The number of miles for each particular hour will be credited to the prevailing wind direction for that hour.

Example.

On the 1st: Prevailing wind direction for each hour to 12 noon, W.
Total wind movement to 12 noon, 196.
Prevailing wind direction for each hour, 12 noon to mid., NW.
Total wind movement, 12 noon to midnight, 248.
The record for the 1st: W., 196 miles in 12 hours.
NW., 248 miles in 12 hours.

The sum of the percentages of time from the eight directions should be 100. When this sum is more than 100, deduct 1 per cent from one, or more, of the percentages which was increased most in discarding the decimals, to reduce the sum to 100. Likewise, when the sum is less than 100, add 1 per cent to one, or more, of the percentages according to a similar rule. The same rules apply to the percentage of miles.

CLOUDS.

93. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

94. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

95. Haze, smoke, and fog will be recorded in tenths, and must be designated as dense or light. These amounts will not be considered in footing up the columns.

96. When dense haze, dense smoke, or dense fog obscures eight-tenths or more of the sky and no other clouds are visible, the state of the weather will be recorded as "Hazy," "Smoky," or "Foggy." Otherwise the state of the weather will be determined by the proportion of visible sky covered with clouds.

98. Haze will not be given a direction. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction. The most frequent kind and direction of clouds, page 9, Form 1001, will be determined by the entries on pages 2, 3, and 11. Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums and averages.

99. If there be two or more levels of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

100. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

101. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

102. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

103. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

104. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

105. When a thunderstorm occurs the international symbol for thunderstorm (⚡) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard time in local use, on which thunder was heard.

106. The amount of rainfall will be determined by measuring with the "Measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

107. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

108. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt or weigh the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

109. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the

gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

110. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observations on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

111. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

112. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

113. The depth of snowfall (maximum depth, less amount, if any, on ground before the period) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ..... p. m. to ..... p. m.," on page 8. If there are several separate snowfalls within the 24-hour period, each one of which melts before the following one occurs, the total fall for the 24-hour period will be the sum of the maximum depths for each fall.

114. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

115. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the means of three measurements when the snow is drifted), will be entered in the column headed "On the ground at ..... p. m.," page 8.

116. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 114.

117. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

118. Care should be taken in determining the character of precipitation when in the form of sleet or hail.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

119. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 96 and 104). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

120. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, and thunder has been heard or lightning seen within the hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

121. *a.* No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction of clouds.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 200.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l, unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ... p. m. to ..... p. m.," page 8.

p. To be determined from page 6 or 13 at stations that prepare either or both pages and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare pages 6 or 13. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 105.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

122. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

123. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

124. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico. In the spring all frosts will be recorded, beginning March 1, in the portions of Washington and Oregon west of the Cascade Mountains.

125. In the spring in all sections, except those mentioned in paragraph 124, the date of occurrence of each frost will be recorded on and after the date that the daily normal temperature, as shown in Bulletin R, is 43°.

126. All frosts occurring at any station between May 1 and August 31 will be recorded.

127. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 124.

128. Frosts will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality, and "killing," frost that is destructive to vegetation and staple products.

129. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

130. Page 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

131. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

132. The meteorological notes will be written with a typewriter and the writing should be single spaced. If necessary, an additional sheet will be inserted. A press copy will not be made.

133. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

134. In describing weather conditions and phenomena midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

135. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

136. Whenever a killing frost occurs the "Met'l Notes" will contain a statement of the kinds of vegetation killed, the degree of maturity at the time of the frost, the estimated percentage of loss, and any other facts that favored the formation of frost, or that tended to increase the injury.

137. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes*. If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

138. *a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs within a radius of 25 miles from the station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

139. Whenever damaging hail falls at or within 25 miles of the station, a report will be made in the "Met'l Notes," stating the size of the stones and the nature of the damage.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar and lunar; rainbows; coronas; parhelia; paraselenæ and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through, west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed " Total " and " Possible " will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The " Percentage " will be taken from the monthly percentage of " Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. At stations preparing page 13, the prevailing direction for the year will be determined by the direction having the greatest number of hours; at all other stations it will be determined from the sums of " Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed " For the month " from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

153. Page 7, " Wind—number of miles and length of time from each direction," will be prepared at stations that tabulate these data.

FORM No. 1003.

154. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

155. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

156. Enter against the heading " Temperature at the end of hour " the corrected thermograph readings, except whenever eye readings of the dry thrmometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

157. Under " State of weather " enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be " R. B. 9.15 " in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

158. On the right-hand margin of the form, opposite the heading "Total depth of snow," etc., the total depth of snowfall for the twenty-four hours ending at the local standard time corresponding to 8 p. m., 75th meridian time, will be entered.

159. When necessary, additional data in regard to hail fall and sleet fall, and ground covering of hail, sleet, and ice will be entered.

160. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

161. In the spaces against the heading "Amount of precipitation " will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

162. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated, and a note to that effect will be made.

163. In the spaces headed " Cloudiness and other conditions " the state of the weather will be indicated by the words " Clear," " Partly cloudy," " Cloudy," " Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and the standard astronomical symbol entered to indicate the phase of the moon on the date for the maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The " Character of the day " will be entered in the space provided for it.

164. The space headed " Sunshine " is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

165. In like manner the spaces for " Wind direction " and " Wind movement " will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, " Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

166. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

167. Copies of the barograph and thermograph traces, including the red-ink corrections entered on the original trace, will be made on the diagrams at the foot of the page.

168. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

169. All special features will be indexed.

FORMS No. 1015, No. 1017, AND No. 1028.

170. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

171. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

172. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

173. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

174. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

175. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

176. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.40 p. m. and 7.45 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

177. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

178. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60\div2=30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

179. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

180. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated, thus: Max. 25.

181. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12 gives a velocity of 8.4 miles per hour.

182. The total movement by register for any period will be obtained by counting the number of marks in the period.

183. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1{,}081$; $1{,}081-950=131$, the total movement of the wind in miles from noon to noon.

184. Velocity of Wind, Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

185. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

186. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

187. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon both readings will be recorded on the sheet just taken from the register.

188. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

189. When both sunshine and rain are recorded on the same sheet the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

190. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

191. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (√) (V), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). When the recording gage is not in use in the winter the check marks indicating beginnings and endings should be omitted. Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

192. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

193. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 29, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 108 and 109.

194. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

195. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

196. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

197. Whenever the weighing gage is emptied at any hour other than noon, the time of precipitation and the amount measured will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

198. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available, otherwise they will be omitted.

199. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

200. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate and the time the precipitation fell below that rate. This, however, must

not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below the excessive rate shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	.....	*2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.31 a. m.	.....	*3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

* Continued from line above.

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

201. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

202. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts which is apt to increase with the rate of rainfall and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

203. In general, the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

204. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded (1.14÷0.09=12; dropping all fractions).

205. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips (0.86÷0.06=14).

206. In performing the divisions indicated in these examples the observer will always drop all fractions.

207. In many cases the exact point at which a tip is added or stricken out is not of great importance but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

208. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

209. Stick Measurements.—At noon after each precipitation the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

210. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local time, etc.), and date, each day's record being dated as near the noon line for that day as practicable.

211. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

212. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at the exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. The barograph trace should be corrected to agree with the station pressure. When the pen is set higher or

lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 216 to 219.

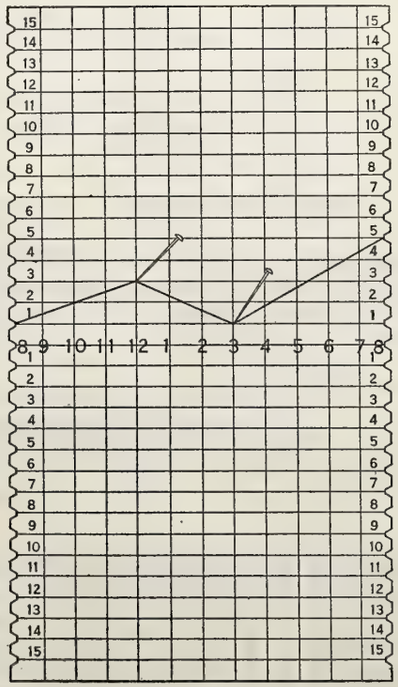
When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

213. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

214. Barograph Time Error.—The barograph pen should be touched at 12 noon, local standard time; if not touched within five minutes of that time a note will be entered giving the exact time the mark was made.

215. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

216. Correction Card, How Used. — Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.



Thermograph correction card.

217. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: —3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5		
+2	+1	+1	0	0	0	—1	—1	—2	—2	—3

This card also will be used in a similar manner for correcting barograph readings.

218. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 212, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and at 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

219. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

220. These corrections will also be entered on the trace sheets and on the copy of the trace on Form 1014, and will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the records.

221. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

222. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

223. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

224. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

225. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

226. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation " Form No. 1030—Met'l " should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

227. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

228. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

229. The regular data called for on Form 1030—Met'l, will be prepared as formerly, but where special tables or other data involving time, as hourly values of temperature, precipitation, and the beginnings and endings of precipitation, etc., are published, they should appear in " local standard time " throughout the year.

FORM No. 1083.

230. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

For the Month of _____, *192 2.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun streets, rooms 911-912 Sheroff Building; first observation taken in present office 7:00 a. m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 1922.

Number of Station barometer, 656; sum of corrections, —.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	64.0	29.294	.103	29.191	30.15	17.4	16.8	16	90	.081	31.0	17.4	W	18			T	10	Nb	W	Lt. Snow		P. McD.	1
2	63.5	29.520	.102	29.418	30.40	15.8	14.8	12	83	.070	15.8	12.4	SW	7			0	8	Ast	W	Cloudy		P. McD.	2
3	67.0	29.064	.110	28.954	29.90	37.6	32.1	24	55	.124	37.6	27.0	SW	14			0	8	Ast	W	Cloudy		P. McD.	3
4	72.0	28.910	.123	28.787	29.77	46.0	43.8	42	84	.266	46.0	41.0	S	11			.30	10	Nb	S	Lt. Rain		P. McD.	4
5	64.5	29.190	.104	29.066	30.01	27.0	26.0	24	88	.124	53.0	26.4	W	20	42	SW	.01	10	St Cu	W	Cloudy		P. McD.	5
6	69.5	29.668	.119	29.549	30.52	18.8	17.9	15	86	.081	24.0	17.9	W	18			T	9	St Cu	W	Cloudy		P. McD.	6
7	69.0	29.804	.118	29.686	30.67	17.9	16.7	14	81	.077	25.8	16.6	SE	4			0	0	0	0	Clear		P. McD.	7
8	71.0	29.282	.121	29.161	30.11	29.0	27.4	25	82	.130	32.6	26.3	S	12			0	2	Ast	W	Clear		P. McD.	8
9	69.0	29.136	.116	29.020	29.97	27.5	25.3	21	74	.108	37.0	27.2	SW	15			0	0	0	0	Clear		P. McD.	9
10	70.5	29.068	.119	28.949	29.90	29.4	27.3	24	77	.124	39.0	29.4	SW	2			0	0	0	0	Clear		P. McD.	10
11	72.0	28.906	.123	28.783	29.72	30.0	28.5	26	84	.136	35.6	29.2	N	13			0	10	St Cu	N	Cloudy		P. McD.	11
12	69.0	29.076	.115	28.961	29.92	15.4	14.6	12	86	.070	22.7	14.8	W	14			.18	10	St	W	Cloudy		P. McD.	12
13	70.0	28.930	.118	28.812	29.76	21.0	20.0	18	86	.093	21.0	16.8	SW	8			.04	10	Nb	SW	Lt. Snow		P. McD.	13
14	69.5	29.220	.117	29.103	30.07	9.0	8.5	6	88	.052	18.8	6.9	S	12			T	8	Ast	NW	Cloudy		P. McD.	14
15	65.0	29.254	.105	29.149	30.10	23.0	20.8	15	70	.081	42.0	23.0	W	16	33	W	0	1	St	W	Clear		P. McD.	15
16	69.0	29.590	.117	29.473	30.45	10.2	9.6	7	87	.054	20.0	10.2	SW	8			0	0	0	0	Clear		P. McD.	16
17	70.5	29.420	.121	29.299	30.27	16.2	15.2	12	83	.070	24.2	15.0	S	2			0	1	Ast	W	Clear		P. McD.	17
18	73.0	28.970	.125	28.845	29.79	30.2	29.7	29	95	.159	34.5	26.0	NE	9			.38	10	St	NE	Cloudy		P. McD.	18
19	73.0	29.004	.125	28.879	29.83	32.2	31.4	31	92	.172	32.7	29.8	SW	12			T	10	St	SW	Cloudy		P. McD.	19
20	70.5	29.492	.121	29.371	30.36	5.8	5.4	4	90	.047	9.0	4.6	SW	10			0	8	Ast	W	Cloudy		P. McD.	20
21	72.0	29.306	.124	29.182	30.14	22.0	21.5	20	93	.103	24.0	19.6	W	5			.30	10	St	W	Cloudy		P. McD.	21
22	64.0	29.570	.103	29.467	30.44	15.4	14.6	12	86	.070	23.0	15.4	W	12			0	0	0	0	Clear		P. McD.	22
23	70.0	29.880	.121	29.759	30.77	1.0	0.6	-2	87	.034	7.8	0.0	NE	5			0	6 2	Ast St	W NE	Cloudy		P. McD.	23
24	69.0	29.914	.119	29.795	30.81	1.8	1.0	-3	76	.032	8.2	0.6	NE	5			0	10	St Cu	NE	Cloudy		P. McD.	24
25	74.0	29.846	.131	29.715	30.74	-5.0	-5.3	-8	88	.025	5.8	-5.3	E	5			0	1	Ast	W	Clear		P. McD.	25
26	71.5	29.530	.123	29.407	30.40	3.8	3.0	-1	78	.036	11.0	2.6	E	9			0	3 6	Ci Cu Ast	NW NW	Clear		P. McD.	26
27	72.0	29.416	.125	29.291	30.27	10.0	9.5	8	89	.057	16.0	9.6	E	8			0	4	St	E	Cloudy		P. McD.	27
28	72.5	29.460	.126	29.334	30.31	10.0	9.6	8	91	.057	18.2	10.0	NE	10			0	1	St	NE	Clear		P. McD.	28
29	72.0	29.612	.125	29.487	30.46	12.5	11.9	10	88	.063	23.1	11.2	NE	5			0	0	0	0	Clear		P. McD.	29
30	71.0	29.674	.123	29.551	30.52	16.6	15.8	14	87	.077	26.0	16.4	NE	8			0	4	Ast	W	Pt. Cloudy		P. McD.	30
31	70.5	29.564	.121	29.443	30.41	19.0	18.0	15	85	.081	32.6	18.6	E	1			0	0	0	0	Clear		P. McD.	31
Sums		(a)	(a)	906.887	936.88	566.5	532.0	449	2609	2.752	(a)	(a)	(a)	298	(a)	(a)	1.21	172	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.254	30.222	18.3	17.2	14.5	84.2	0.089	(a)	(a)	(c) SW	9.6	(a)	(a)	(a)	5.5	U a. St. L St.	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 1922.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.0	29.490	.114	29.376	30.36	15.0	14.0	11	82	.066	19.0	14.3	W	9			T	0	0	0	Clear			P.McD.	1
2	72.0	29.286	.124	29.162	30.12	27.0	24.5	20	70	.103	30.0	15.8	SE	9			0	3	A St	NW	Clear			P.McD.	2
3	73.0	29.128	.126	29.002	29.94	43.6	40.8	38	79	.228	44.8	37.6	SW	7			0	10	St	SW	Cloudy			C.C.S.	3
4	72.0	28.770	.122	28.648	29.56	53.0	50.1	47	83	.322	56.1	46.0	SW	25	26	SW	.50	3	St Cu	SW	Clear			C.C.S.	4
5	70.0	29.512	.119	29.393	30.36	24.0	23.0	21	87	.108	29.8	23.0	W	13	30	W	T	10	Nb	W	Lt. Snow			C.C.S.	5
6	71.5	29.741	.124	29.617	30.60	25.8	22.8	16	64	.085	28.0	17.6	W	4			0	0	0	0	Clear			C.C.S.	6
7	74.0	29.620	.130	29.490	30.46	32.6	29.1	24	66	.124	37.9	17.9	SE	5			0	0	0	0	Clear			C.C.S.	7
8	75.0	29.160	.132	29.028	29.98	37.0	31.0	21	49	.108	43.6	18.4	W	14			0	4	A St	NW	Pt. Cloudy			P.McD.	8
9	72.0	29.037	.123	28.914	29.86	39.0	35.0	29	68	.157	45.7	27.5	SW	15	25	SW	0	0	0	0	Clear			C.C.S.	9
10	74.0	28.940	.128	28.812	29.75	32.6	30.6	28	80	.150	39.7	28.7	SE	10			0	10	A St	W	Cloudy			C.C.S.	10
11	74.0	29.087	.128	28.959	29.92	22.7	21.5	19	84	.098	32.0	22.7	NW	20	28	NW	T	10	Nb	NW	Lt. Snow			C.C.S.	11
12	73.0	29.110	.125	28.985	29.95	18.2	16.6	12	75	.070	22.3	15.4	SW	7			T	4	A St	W	Pt. Cloudy			C.C.S.	12
13	73.0	29.198	.126	29.072	30.03	18.8	17.0	12	72	.070	23.5	18.8	W	7			.01	10	St	W	Cloudy			C.C.S.	13
14	72.5	28.932	.124	28.808	29.76	39.3	34.8	28	64	.150	39.3	9.0	SW	22	39	SW	0	8	A St	NW	Cloudy			C.C.S.	14
15	72.0	29.570	.125	29.445	30.41	20.0	18.0	13	70	.074	24.0	19.2	W	6	27	W	T	0	0	0	Clear			P.McD.	15
16	73.0	29.504	.127	29.377	30.36	24.2	20.8	12	56	.070	28.8	9.3	SW	9			0	0	0	0	Clear			C.C.S.	16
17	73.0	29.179	.126	29.053	30.01	34.5	31.8	28	75	.150	37.5	14.2	E	7			T	10	Nb	E	Lt. Snow			C.C.S.	17
18	74.0	29.009	.128	28.881	29.83	30.0	30.0	30	100	.164	36.2	26.4	SE	4			T	10	Dense Fog	SE	Foggy		B-6:15p E-9:55p	C.C.S.	18
19	71.5	29.359	.122	29.237	30.20	9.0	8.0	4	78	.047	32.2	9.0	W	15	26	W	T	6	St Cu	W	Pt. Cloudy			C.C.S.	19
20	74.0	29.326	.129	29.197	30.17	23.1	21.1	16	73	.085	23.1	5.8	SE	7			0	10	St	SE	Cloudy			C.C.S.	20
21	73.0	29.314	.126	29.188	30.15	23.0	21.0	16	73	.085	29.4	22.0	SW	10			0	4	Ci St	W	Pt. Cloudy			C.C.S.	21
22	77.0	29.838	.139	29.699	30.70	7.8	6.2	−1	63	.036	15.4	7.8	NW	7			0	0	0	0	Clear			P.McD.	22
23	73.0	29.893	.129	29.764	30.77	8.2	7.0	1	72	.040	11.6	0.0	NE	3			0	10	A St	NW	Cloudy			C.C.S.	23
24	74.5	29.905	.133	29.772	30.78	5.8	4.8	0	75	.038	10.4	1.8	E	6			0	0	0	0	Clear			C.C.S.	24
25	74.5	29.654	.132	29.522	30.51	11.0	9.2	2	68	.042	17.1	-5.6	E	8			0	0	0	0	Clear			C.C.S.	25
26	75.0	29.438	.133	29.305	30.28	16.0	15.0	12	83	.070	24.0	3.8	NE	10			0	3	A St	NW	Clear			C.C.S.	26
27	75.5	29.394	.134	29.260	30.24	18.2	16.6	12	75	.070	23.7	10.0	NE	10			0	5	A St	NW	Pt. Cloudy			C.C.S.	27
28	76.0	29.518	.135	29.383	30.36	23.1	21.6	18	80	.093	27.3	10.0	NE	7			0	0	0	0	Clear			C.C.S.	28
29	74.0	29.690	.131	29.559	30.54	26.0	23.8	19	73	.098	30.0	11.3	NE	4			0	0	0	0	Clear			P.McD.	29
30	73.0	29.613	.127	29.486	30.46	32.6	29.8	25	72	.130	36.4	16.6	E	7			0	5	A St	NW	Pt. Cloudy			C.C.S.	30
31	74.0	29.493	.130	29.363	30.32	40.0	35.5	29	64	.157	47.6	19.0	SE	3			0	8	A St	W	Cloudy	B-9:57a E-11:36a	B-7:15a E-9:57a	C.C.S.	31
Sums		(a)	(a)	906.757	936.94	781.1	711.0	562	2268	3.288	(a)	(a)	(a)	290	(a)	(a)	0.51	133	(a)	(a)	(a)	1	2	(a)	(a)
Means		(a)	(a)	29.250	30.217	25.2	22.9	18.1	73.2	0.106	(a)	(a)	(c) SW W	9.4	(a)	(a)	(a)	4.3	U A. St. St. L Nb	U NW L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

†By dial when self-register is out of order. ††T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 1922.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	25	12	13	14	18				S^m	Cont'd	DNA	S^d	DNA	5:45p							T				0	T	T	T	1
2	33	14	19	6	24																0				0	0	T	0	2
3	45	33	12	15	39																0				0	0	0	0	3
4	56	32	24	5	44				R	2:00a	1:10p	R	2:35p	5:30p	R	7:30p	DNP				.81				0	0	0	0	4
5	32	20	12	18	26				S^d	6:28p	7:42p										T				0	T	T	T	5
6	28	18	10	3	23																0				0	T	0	0	6
7	38	17	21	5	28																0				0	0	0	0	7
8	44	26	18	7	35																0				0	0	0	0	8
9	46	27	19	1	36																0				0	0	0	0	9
10	40	29	11	2	34																0				0	0	0	0	10
11	32	20	12	8	26				S^d	10:30a	Cont'd										ϕ.02				0	T	T	ϕ.02	11
12	22	15	7	8	18				S^d	Cont'd	DNA	S^d	7:05a	12:14p							ϕ.16				0	2.5	2.5	ϕ.16	12
13	24	12	12	0	18				S^d	DNA	10:39a	S^d	6:58p	7:27p							.05				0	0.8	3.3	.05	13
14	42	7	35	6	24																0				0	T	2.9	0	14
15	38	15	23	2	26				S^d	7:08a	7:45a										T				0	T	0.4	T	15
16	29	9	20	7	19																0				0	0	0.3	0	16
17	38	14	24	7	26				S^m	6:30p	11:20p	R	11:20p	Cont'd							ϕ.37				0	T	0.2	ϕ.37	17
18	30	26	4	2	28				R	Cont'd	DNA	R	6:55a	7:24a	S^m	5:17p	6:04p	S^m	9:05p	9:40p	ϕ.01				0	4.6	4.3	T	18
19	33	6	27	8	20				R	10:45a	10:52a										T				0	T	4.1	0	19
20	24	5	19	6	14				S^m	9:15p	Cont'd										ϕ.22				0	0	4.1	ϕ.22	20
21	29	20	9	10	24				S^m	Cont'd	DNA										ϕ.08				0	3.5	7.4	ϕ.08	21
22	21	4	17	12	12																0				0	0	7.3	0	22
23	12	0	12	6	6																0				0	0	7.3	0	23
24	10	−1	11	2	4																0				0	0	7.0	0	24
25	17	−6	23	2	6																0				0	0	6.8	0	25
26	24	3	21	8	14																0				0	0	6.6	0	26
27	24	10	14	3	17																0				0	0	6.5	0	27
28	27	10	17	1	18																0				0	0	6.0	0	28
29	30	11	19	2	20																0				0	0	5.0	0	29
30	36	16	20	6	26																0				0	0	4.0	0	30
31	48	19	29	8	34																0				0	0	2.5	0	31
S ---	977	443	534	190	707		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.72		Total excess or deficiency since January 1,		0	11.4	(a)	(a)	(a)
M ---	31.5	14.3	17.2	6.1	22.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

ϕ Estimated

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SUMMARY FOR THE MONTH OF _____, 1922.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.254	29.250	29.252	29.830	24	28.640	4	1.190	30.222	30.217	30.220	30.85	24	29.55	4	1.30
Corrected mean		29.247						Corrected mean		30.215					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
18.3	25.2	21.8	17.2	22.9	20.0	31.5	14.3	22.9	56	4	-6	25	62	35	14	4	18

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative humidity. 8 a.m.	Relative humidity. 8 p.m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a.m.	Vapor pressure. 8 p.m.	Vapor pressure. Monthly. (g)
14.5	18.1	16.3	84.2	73.2	78.7	0.089	0.106	0.098

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
18	0	30	3

Clouds.

Most frequent clouds: a. St.

Most frequent direction upper clouds: W

Most frequent direction lower clouds: W

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7813	10.5	SW	42	SW	4	1	11	8	7	4	15	14	2	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.5	4.3	5.1	55	12	8	11	0	2	6

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
–	–	–	0	4	14, 17	8, 10, 14.	31	18, 31	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.72	081	4	0			0			4	8	6	2	0	12	10	6	114	25

(w) Maximum precipitation in 5 minutes –, date –; 10 minutes –, date –; 15 minutes –, date –;

30 minutes –, date –; 1 hour –, date –; 2 hours –, date –.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Automatic rain gage not exposed during the month.																				

* The duration is the time precipitation was actually recorded.

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Prepared by C. O. S.

T. M. Donovan, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 1922

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
14	12 40 p.m.	11 40 a.m.	74.0	29.006	.128	28.878	29.84	31.0	28.0	23	8	69	31.0	S	26	28	S	0	9	ASt	NW	Cloudy	Falling Pressure Ordered by C.O.	[illegible]	14
19	1 00 p.m.	12 00 Noon	75.0	29.103	.131	28.972	29.92	28.2	26.6	24	4	81	32.2	W	24	25	W	T	10	StCu	W	Cloudy		[illegible]	19
								Extremes of Pressure																	
4	5 30 p.m.	4 30 p.m.				28.640	29.55	55.0																	4
24	10 30 am	9 30 am				29.830	30.85	3.0																	24

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1922

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1													205	15	157	9			362	24
2							19	2	208	15	42	6	7	1					276	24
3									41	5	250	19							291	24
4							35	4	68	7	258	11	53	2					414	24
5													422	23	12	1			434	24
6			9	2							25	3	131	18	12	1			177	24
7			8	2	5	1	95	18	21	3									129	24
8							21	4	31	4	83	5	169	11					304	24
9											329	22	16	2					345	24
10			112	8	102	9					28	7							242	24
11	160	10	66	4											154	10			380	24
12											46	6	192	15	31	3			269	24
13											80	10	126	16	51	4			257	24
14									133	7	301	16	20	1					454	24
15											53	3	325	21					378	24
16									44	5	148	14	43	5					235	24
17			10	1	59	10	25	6	34	7									128	24
18	8	2	90	12			8	3	18	4					11	3			127	24
19							5	2			43	5	275	17					323	24
20							5	1	19	3	171	19	5	1					200	24
21											162	15	24	4	30	5			216	24
22											98	7	80	6	115	11			293	24
23	5	2	41	11	36	7	1	1					4	1	7	2			94	24
24			56	9	77	15													133	24
25			22	4	162	20													184	24
26			64	6	183	18													247	24
27			255	24															255	24
28			199	23	10	1													209	24
29			129	17	65	7													194	24
30			41	5	150	19													191	24
31					28	11	24	7	7	2	13	3						1	72	24
SUM.	173	14	1102	128	877	118	238	48	616	62	2130	171	2097	153	580	49		1	7813	744
PERCENTAGE	2	2	14	17	11	16	3	6	8	8	27	23	27	21	8	7			a	a
AVG. HOURLY VELOCITY	12.4	a	8.6	a	7.4	a	5	a	9.9	a	12.5	a	13.7	a	11.8	a		a	10.5	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

For the Month of _____, *1922.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry and Calhoun street, room 911-912 Shroff Building; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 3—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 192 2.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	29.170	.124	29.046	29.99	36.2	34.2	28	67	.150	40.0	34.0	SE	5			0	10	ASt	W	Cloudy		CWS	1
2	64.5	28.690	.102	28.588	29.52	28.0	26.0	22	77	.113	43.8	28.0	W	24	38	SW	T	8	StCu	W	Cloudy		CWS	2
3	61.0	28.910	.094	28.816	29.77	23.0	22.0	20	87	.103	30.2	23.0	W	19	34	SW	0	2	ASt	W	Clear		CWS	3
4	66.0	29.262	.108	29.154	30.11	21.0	19.0	14	71	.077	27.1	20.7	SW	7			0	0	0	0	Clear		CWS	4
5	71.5	28.892	.121	28.771	29.71	34.0	33.5	33	95	.187	34.0	26.0	S	13			.05	10	St	S	Cloudy		CWS	5
6	73.0	29.057	.125	28.932	29.88	31.0	29.0	26	79	.136	37.0	31.0	NW	12			0	10	StCu	NW	Cloudy		CWS	6
7	68.0	29.333	.113	29.220	30.18	16.0	15.1	12	84	.070	27.4	16.0	W	15			T	10	Nb	W	Lt. Snow		CWS	7
8	71.0	29.640	.123	29.517	30.49	18.0	16.8	14	81	.077	25.0	18.0	SW	11			0	4	ASt	NW	Pt. Cloudy		CWS	8
9	67.5	29.128	.112	29.016	29.97	33.1	31.0	28	79	.150	34.8	31.7	SW	16	26	SW	.04	10	Nb	SW	Lt. Snow		CWS	9
10	72.0	29.037	.123	28.914	29.85	34.0	33.0	32	90	.180	44.3	34.0	SW	8			0	4	ASt	W	Pt. Cloudy		CWS	10
11	73.0	29.096	.125	28.971	29.91	33.9	31.2	27	75	.143	46.1	33.9	NW	12			T	1	Cu	NW	Clear		CWS	11
12	73.5	29.028	.127	28.901	29.86	24.0	22.0	18	74	.093	30.5	23.7	E	[illegible]	31	E	.01	10	StCu	E	Cloudy		[illegible]	12
13	67.5	29.460	.113	29.347	30.32	13.0	11.6	7	73	.054	29.3	19.0	W	[illegible]	21	W	T	3	ASt	NW	Clear		[illegible]	13
14	69.0	29.637	.118	29.519	30.50	14.0	13.2	11	85	.066	20.0	13.0	E	2			0	3	ASt	W	Clear		CWS	14
15	70.5	29.398	.121	29.277	30.24	25.0	24.0	22	87	.113	28.0	22.7	NW	5			0	10	ASt	NW	Cloudy		CWS	15
16	69.5	29.616	.118	29.498	30.48	10.0	8.8	4	74	.047	15.0	10.0	NW	3			T	9	StCu	NE	Lt. Snow		CWS	16
17	70.5	29.578	.121	29.457	30.44	13.8	12.6	9	78	.060	15.0	12.6	SE	7			0	8	ASt	NW	Cloudy		CWS	17
18	67.5	29.180	.112	29.068	30.02	34.8	29.8	22	55	.113	36.2	34.6	SW	14	31	SW	0	6	ASt	NW	Pt. Cloudy		CWS	18
19	72.5	29.182	.125	29.057	30.01	37.2	37.2	37	100	.219	37.2	35.2	SE	7			.02	8 2	St Lt. Fog	SE SE	Cloudy		CWS	19
20	72.0	29.566	.125	29.441	30.39	31.8	30.2	28	84	.150	44.0	30.0	W	3			0	8	ACu	W	Cloudy		CWS	20
21	73.0	29.616	.127	29.489	30.45	29.0	27.2	24	80	.124	33.3	27.9	E	11			0	9	ACu	W	Cloudy		CWS	21
22	73.0	29.164	.126	29.038	29.98	54.0	50.2	47	77	.322	54.4	35.5	SW	15			0	3 6	ACu Cu	NW W	Cloudy		CWS	22
23	75.0	28.806	.130	28.676	29.59	51.0	50.0	49	94	.347	60.0	51.0	SW	19	36	SW	.06	10	Nb	SW	Lt. Rain		CWS	23
24	72.5	29.683	.127	29.556	30.53	16.8	15.0	10	71	.063	27.2	16.8	N	8	25	W	T	Few	Cu	N	Clear		CWS	24
25	70.0	29.616	.119	29.497	30.47	23.2	21.8	19	82	.098	27.0	22.0	NW	3			0	7	Cu	NW	Pt. Cloudy		CWS	25
26	71.0	29.536	.122	29.414	30.37	24.3	23.3	21	87	.108	32.0	23.4	N	3			0	9	ACu	W	Cloudy		CWS	26
27	73.0	29.317	.126	29.191	30.14	29.0	28.0	26	89	.136	33.0	28.0	N	6			.14	10	St	N	Cloudy		CWS	27
28	70.0	29.779	.120	29.659	30.64	20.0	18.0	13	70	.074	27.8	20.0	N	8			0	6	Cu	NE	Pt. Cloudy		CWS	28
29																								29
30																								30
31																								31
Sums	(a)	(a)	(a)	817.030	843.81	761.1	713.7	623	2245	3.573	(a)	(a)	(a)	290	(a)	(a)	0.32	194	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.180	30.136	27.2	25.5	22.2	80.2	.128	(a)	(a)	(c) SW	10.4	(a)	(a)	(a)	6.9	U a.st. L cu.	U W L W	NW (a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 1922

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.5	28.790	.128	28.662	29.59	43.8	42.3	41	89	.256	44.0	38.2	SW	14			.33	10	Nb	SW	Lt. Rain			S.M.D.	1
2	68.0	28.824	.112	28.712	29.65	30.2	28.2	25	78	.130	30.2	25.4	W	26	40	SW	T	10	St	W	Cloudy			P.M.D.	2
3	66.0	29.098	.107	28.991	29.95	27.1	24.5	20	69	.103	31.0	23.0	NW	13	37	SW	T	9	StCu	W	Cloudy			P.M.D.	3
4	75.5	29.190	.133	29.057	30.02	32.6	30.1	27	75	.143	37.0	21.0	S	7			0	9	C.St	W	Cloudy			P.M.D.	4
5	77.0	28.930	.136	28.794	29.73	37.0	35.0	32	83	.180	41.7	34.0	W	5			T	10	St	SW	Cloudy			[illegible]	5
6	73.0	29.216	.126	29.090	30.04	27.4	26.3	24	87	.124	31.0	27.4	NW	8			T	10	St	NW	Cloudy			P.M.D.	6
7	73.5	29.596	.129	29.467	30.44	24.4	22.6	19	77	.098	27.0	16.0	NW	11			T	10	StCu	NW	Cloudy			P.M.D.	7
8	73.5	29.403	.129	29.274	30.23	34.0	30.0	24	62	.124	39.6	18.0	S	17			0	3	C.St	NW	Clear			P.M.D.	8
9	74.0	29.080	.128	28.952	29.89	44.3	39.8	34	68	.195	47.3	33.1	SW	5			T	8	ASt	W	Cloudy			P.M.D.	9
10	77.5	28.916	.137	28.779	29.71	45.2	44.2	43	93	.277	48.3	33.3	S	8			0	10	St	S	Cloudy			P.M.D.	10
11	78.0	29.154	.139	29.015	29.97	30.5	29.5	28	89	.150	37.0	30.2	NE	14			T	10	Nb	NE	Lt. Snow			[illegible]	11
12	74.0	29.100	.128	28.972	29.83	29.3	29.3	29	100	.157	29.3	24.6	NW	12	27	NW	T	10	St	W	Cloudy			[illegible]	12
13	73.0	29.622	.127	29.495	30.48	20.0	17.0	8	56	.037	21.4	12.3	NW	4			0	0	0	0	Clear			[illegible]	13
14	73.5	29.532	.129	29.403	30.37	28.0	25.0	19	66	.098	30.6	14.0	E	5			0	10	St	E	Cloudy			P.M.D.	14
15	74.0	29.556	.130	29.426	30.40	15.0	12.9	6	63	.052	27.4	15.0	N	12			T	0	0	0	Clear			P.M.D.	15
16	75.0	29.634	.134	29.500	30.48	15.0	13.0	6	65	.052	16.2	10.0	NW	6			T	8	StCu	NW	Cloudy			[illegible]	16
17	74.0	29.232	.129	29.103	30.06	35.0	28.8	17	44	.089	35.0	13.8	S	20	25	S	0	10	St	S	Cloudy			[illegible]	17
18	74.5	29.208	.130	29.078	30.03	35.2	34.2	33	91	.187	42.0	33.6	S	5			.10	10	Nb	S	Lt. Snow			P.M.D.	18
19	76.0	29.222	.134	29.088	30.03	44.0	41.5	39	82	.237	51.0	37.2	SW	13	29	SW	T	5	StCu	W	Pt. Cloudy	B-DNA E-230p		[illegible]	19
20	74.5	29.613	.131	29.482	30.44	33.3	30.2	25	70	.130	39.6	31.8	NE	10			0	2	St	NE	Clear			P.M.D.	20
21	76.5	29.326	.136	29.190	30.13	36.5	36.0	36	95	.211	37.0	29.0	E	6			.04	10	St	E	Cloudy			[illegible]	21
22	77.5	29.032	.137	28.895	29.82	59.3	53.3	48	68	.334	67.2	54.0	S	16	30	SW	0	6	C.St	W	Pt. Cloudy			[illegible]	22
23	73.0	29.420	.127	29.293	30.24	27.2	25.8	23	83	.118	37.0	27.2	W	26	43	SW	.08	10	Nb	W	Lt. Snow			[illegible]	23
24	74.0	29.650	.131	29.519	30.49	27.0	25.0	21	76	.108	27.4	16.8	NW	5			0	10	St	NW	Cloudy			[illegible]	24
25	75.0	29.560	.133	29.427	30.39	32.0	28.0	21	60	.108	43.0	23.2	W	4			T	0	0	0	Clear			P.M.D.	25
26	74.0	29.322	.129	29.193	30.14	33.0	31.5	29	85	.157	34.3	24.3	E	7			0	10	A St	W	Cloudy			[illegible]	26
27	75.5	29.532	.134	29.398	30.36	27.8	25.2	20	70	.103	36.4	27.8	NW	11			T	0	0	0	Clear			P.M.D.	27
28	74.0	29.770	.131	29.639	30.62	24.0	20.0	9	49	.060	26.0	20.0	NE	11			0	4	St.Cu.	NE	Pt. Cloudy			P.M.D.	28
29																									29
30																									30
31																									31
Sums		(a)	(a)	816.894	843.63	898.1	829.2	706	2093	4038	(a)	(a)	(a)	305	(a)	(a)	0.55	204	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.175	30.130	32.1	29.6	25.2	74.8	.144	(a)	(a)	(c) NW	10.9	(a)	(a)	(a)	7.3	U C.St L St	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

8—1M

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 192

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	44	34	10	5	39				R	10:30a	7:15p										.33				0	0	0.5	0	1
2	39	25	14	7	32				Sd	9:00a	9:04a	Sd	10:30a	11:30a							T				0	T	0	T	2
3	31	23	8	5	27				Sd	1:55p	4:20p										T				0	T	0	T	3
4	37	21	16	2	29																0				0	0	0	0	4
5	42	26	16	5	34				R+Sl	DNA	6:28a	R	8:40a	10:22a							.05				0.1	0	0	0	5
6	35	22	13	6	28				Sm	1:10p	6:00p										T				0	T	T	T	6
7	27	16	11	6	22				Sd	6:18a	12:50p	Sd	1:10p	5:15p							T				0	T	T	T	7
8	40	18	22	7	29																0				0	0	0	0	8
9	47	32	15	11	40				Sm	DNA	7:10a										.04				0	0.4	0	.04	9
10	48	33	15	0	40				R	7:15p	11:07p										T				0	0	0	0	10
11	46	28	18	3	37				Sd	6:37p	7:15p										T				0	T	T	T	11
12	29	21	8	12	25				Sd	DNA	DNA	Sl	10:48a	11:10a	R	11:10a	[illegible]	Sm	DNP	DNP					T	.01	0	0	12
13	21	12	9	9	16																0				0	T	0	0	13
14	31	13	18	6	22																0				0	0	0	0	14
15	27	11	16	3	19				Sd	10:35a	12:50p	Sd	4:30p	5:35p							T				0	T	0	T	15
16	16	10	6	6	13				Sd	DNA	11:35a	Sd	3:03p	5:35p							T				0	T	0	T	16
17	36	13	23	11	24				R	11:37a	3:40p	R+Sm	3:40p	4:50p	R	6:20p	6:35p	Sm	6:35p	7:10p	0				0	0	0	0	17
18	42	34	8	14	38				R	7:10p	8:29p										.12				0	T	0	T	18
19	51	35	16	5	43				R	9:08a	7:45a	R	3:00p	3:15p							T				0	T	0	0	19
20	40	29	11	9	34																0				0	0	0	0	20
21	47	28	19	4	38				R	11:15a	3:40p										.04				0	0	0	0	21
22	67	47	20	19	57																0				0	0	0	0	22
23	60	23	37	15	42				R	DNA	8:33a	R	9:21a	10:15a	Sd	6:30p	8:14p				.14				0	T	T	T	23
24	27	17	10	20	22																0				0	T	0	0	24
25	33	22	11	6	28				Sd	8:05a	9:40a										T				0	T	0	T	25
26	34	23	11	0	28				Sm	6:50p	Cont'd										.12				0	T	T	.12	26
27	36	21	15	0	28				Sm	Cont'd	DNA	Sm	1:36p	1:47p							.02				0	2.0	T	.02	27
28	26	20	6	5	23																0				0	0	0	0	28
29																													29
30																													30
31																													31
S	1059	657	402	201	857		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	087		Total excess or deficiency since January 1,		0.1	2.5	(a)	(a)	(a)
M	37.8	23.5	14.4	7.2	30.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Estimated

B—154

SUMMARY FOR THE MONTH OF _____, 1922.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.180	29.175	29.178	29.740	28	28.580	2	1.160	30.136	30.130	0.133	30.72	28	29.50	2	1.22
Corrected mean		29.173						Corrected mean		30.128					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
27.2	32.1	29.6	25.5	29.6	27.6	37.8	23.5	30.6	67	22	10	16	57	37	23	6	28

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative humidity. 8 a.m.	Relative humidity. 8 p.m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a.m.	Vapor pressure. 8 p.m.	Vapor pressure. Monthly. (g)
22.2	25.2	23.7	80.2	74.8	77.5	.128	.144	.136

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
9	0	23	0

Clouds.

Most frequent clouds: a. St & St.

Most frequent direction upper clouds: W

Most frequent direction lower clouds: NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7760	11.5	SW	43	SW	23	5	3	6	3	7	10	9	13	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.9	7.3	7.3	49	2	9	17	0	1	8

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	2, 23	8, 26 14,	8	19	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.87	0.33	1	0			0			10	9	7	1	0	19	14	4	2.5	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Automatic raingage not exposed during the month.																				

* The duration is the time precipitation was actually recorded.

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Prepared by CDS

F. M. Dorsey, L. Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
1"	1 00 p.m	12 00 Noon	73.0	28.970	.125	28.845	29.77	40.3	38.3	36	4	84	42.0	SE	12			.09	10	Nb	SE	Lt. Rain	Ordered by C.O.	CCS	1"
10"	1 00 p.m	12 00 Noon	74.5	29.608	.129	28.879	29.83	39.2	37.0	34	5	82	44.7	S	10			0	4	Cu	SW	Pl. Cloudy	Ordered by C.O.	CCS	10"
12"	12 00 Noon	11 00 a.m	74.0	28.907	.128	28.779	29.73	25.8	24.8	23	3	88	25.8	E	15	22	E	T	10	Nb	SE	Sleeting	Ordered by C.O	CCS	12"
15"	12 00 Noon	11 00 a.m	73.0	29.444	.127	29.317	30.28	24.0	23.0	21	3	87	24.4	NW	20	23	NW	T	8	Cu	NW	Lt. Snow	Ordered by C.O.	CCS	15"
23"	12 00 Noon	11 00 a.m	74.5	29.000	.129	28.871	29.80	40.0	37.2	33	7	77	51.0	W	32	40	SW	.08	10	St Cu	W	Cloudy	Rising Pressure Max. Wind	CCS	23"
27"	1 00 p.m	12 00 Noon	75.0	29.426	.133	29.293	30.35	35.5	33.2	30	6	79	35.5	NW	10			0	9	St	NW	Cloudy	Ordered by C.O.	CCS	27"

Pressure Extremes.

2	5 00 a.m	4 00 a.m				28.580	29.50	34.0																	2
28	1 00 p.m	12 00 Noon				29.740	30.72	24.0																	28

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of February, 1922

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1					3	1	92	11	84	5	112	7							291	24
2											529	18	153	6					682	24
3											123	6	345	18					468	24
4							23	4	21	3	161	17							205	24
5							39	5	42	4	83	6	55	9					219	24
6													111	11	142	13			253	24
7													130	11	175	13			305	24
8									82	5	246	19							328	24
9									20	2	266	22							286	24
10									91	13	64	11							155	24
11	50	5	86	6	30	2							33	3	99	8			298	24
12			42	2	207	12							109	6	72	4			430	24
13					3	1	11	3					186	12	54	8			254	24
14			6	2	60	15	18	7											84	24
15	16	5													250	19			266	24
16	28	7													106	17			134	24
17							15	2	222	15	100	6	2	1					339	24
18									32	5	267	19							299	24
19							25	4	45	5	98	7	99	7	12	1			279	24
20	35	6	40	5	7	1			3	1			6	2	45	9			136	24
21					182	21	8	2	8	1									198	24
22									129	9	282	15							411	24
23									71	4	174	7	240	8	83	5			568	24
24	68	11	31	5									8	2	36	6			143	24
25											19	3	58	12	35	9			112	24
26	4	1	36	5	68	11	4	1					9	5			0	1	121	24
27	42	7	15	2											165	15			222	24
28	94	8	122	11	43	4									15	1			274	24
29																				
30																				
31																				
SUM.	337	50	378	38	603	68	235	39	850	72	2524	163	1544	113	1289	128	0	1	7,760	672
PERCENTAGE																			a	a
AVG. HOURLY VELOCITY	6.7	a	9.9	a	8.9	a	6	a	[illegible]	a	15.5	a	[illegible]	a	[illegible]	a	a	a	11.5	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

For the Month of _____, *1922.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room 911-912 Shoaff Building; first observation taken in present office, 7:00 a.m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 192_

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:12 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.5	29.605	.126	29.479	30.45	20.0	19.0	17	85	.089	24.0	20.0	NE	18			T	10	Nb	NE	Lt. Snow		B.M.W.	1
2	71.5	29.338	.122	29.216	30.18	22.0	21.0	19	86	.098	22.6	20.6	N	6			.01	10	St	N	Cloudy		B.M.W.	2
3	74.0	29.476	.130	29.346	30.31	23.6	22.1	19	81	.098	30.8	22.4	W	3			0	0	0	0	Clear		B.M.W.	3
4	73.0	29.316	.126	29.190	30.14	26.3	24.2	20	74	.103	36.8	25.4	N	3			0	0	0	0	Clear		B.M.W.	4
5	74.0	29.260	.129	29.131	30.08	31.4	29.4	26	79	.136	39.6	31.0	SW	11			0	0	0	0	Clear		B.M.W.	5
6	75.0	29.023	.131	28.892	29.82	44.0	39.5	34	68	.195	44.0	30.8	S	15			0	5 1	C, St Cu	W S	Pl. Cloudy		B.M.W.	6
7	68.0	28.796	.112	28.684	29.61	34.0	31.4	28	76	.150	51.0	34.0	SW	16			.01	10	St Cu	W	Cloudy		B.M.W.	7
8	69.5	29.415	.118	29.297	30.26	27.7	25.6	22	76	.113	31.1	27.7	SW	8			T	0	0	0	Clear		B.M.W.	8
9	72.0	29.406	.125	29.281	30.23	33.8	31.0	27	74	.143	40.6	32.0	SE	4			0	8 2	A St St	W SE	Cloudy		B.M.W.	9
10	75.0	29.065	.131	28.934	29.86	39.0	36.7	33	82	.187	46.2	38.8	NE	9			0	10	St	NE	Cloudy		B.M.W.	10
11	74.5	28.824	.128	28.696	29.63	34.0	33.2	32	92	.180	42.0	34.0	N	8			.96	10	Nb	N	Lt. Snow		B.M.W.	11
12	73.5	29.523	.129	29.394	30.35	31.7	29.2	25	74	.130	43.0	30.6	E	5			0	0	0	0	Clear		B.M.W.	12
13	77.0	29.406	.138	29.268	30.22	39.5	37.5	34	84	.195	43.2	37.8	S	8			0	7 1	A St St	NW S	Cloudy		B.M.W.	13
14	75.5	29.324	.133	29.191	30.12	50.0	49.0	48	93	.334	60.0	50.0	N	11			.65	10	Nb	N	Lt. Rain		B.M.W.	14
15	75.0	29.382	.133	29.249	30.20	36.9	32.0	24	59	.124	47.6	35.6	N	5			0	1	St	N	Clear		B.M.W.	15
16	75.5	29.568	.134	29.434	30.38	35.0	31.0	25	64	.130	44.9	34.6	N	5			0	4	A St	NW	Pl. Cloudy		B.M.W.	16
17	74.0	29.588	.130	29.458	30.41	33.0	30.2	26	73	.136	43.0	32.6	E	10			0	10	St	E	Cloudy		B.M.W.	17
18	70.5	29.500	.121	29.379	30.34	26.5	25.0	22	82	.113	34.8	25.0	E	19	25	E	T	10	St	E	Cloudy		B.M.W.	18
19	72.0	28.910	.123	28.787	29.72	39.0	37.0	34	84	.195	39.0	34.8	SE	8			.01	10	Nb	SE	Lt. Rain		B.M.W.	19
20	68.0	28.626	.111	28.515	29.44	29.8	27.7	24	77	.124	57.2	28.6	W	24	36	SW	.24	10	Nb	W	Lt. Snow		B.M.W.	20
21	63.0	29.094	.099	28.995	29.95	26.4	25.4	23	88	.118	30.5	26.4	NW	12	26	NW	.01	10	Nb	NW	Lt. Snow		B.M.W.	21
22	67.0	29.542	.111	29.431	30.40	24.0	23.0	21	87	.108	27.0	24.0	N	8	25	NW	0	10	St Cu	N	Cloudy		B.M.W.	22
23	71.5	29.421	.123	29.298	30.25	36.9	32.7	26	64	.136	36.9	[illegible]	S	[illegible]			0	8	Cu	S	Cloudy		B.M.W.	23
24	74.5	29.404	.131	29.273	30.21	43.8	41.3	39	82	.237	60.0	43.8	E	18			.30	10	St	E	Cloudy		B.M.W.	24
25	74.0	29.306	.129	29.177	30.12	43.7	41.6	40	84	.247	43.7	35.4	S	[illegible]			.01	0	0	0	Clear		B.M.W.	25
26	73.5	29.478	.129	29.349	30.29	39.0	37.6	36	89	.211	63.0	39.0	N	5			.02	10	Nb	N	Lt. Rain		[illegible]	26
27	75.0	29.256	.132	29.124	30.07	36.2	35.7	35	95	.203	38.0	35.6	NE	13			.30	10	Nb	NE	Lt. Rain		B.M.W.	27
28	73.0	29.142	.126	29.016	29.96	49.0	48.5	48	96	.334	49.0	43.2	SW	8			.01	10 10	Nb Lt. Fog	SW SW	Lt. Rain		B.M.W.	28
29	72.5	29.530	.126	29.404	30.35	32.6	30.6	28	80	.150	45.7	32.6	NE	15			0	10	St	NE	Cloudy		B.M.W.	29
30	71.0	29.206	.121	29.085	30.03	33.0	31.6	29	86	.157	33.0	31.7	E	16			.22	10	Nb	E	Lt. Rain		B.M.W.	30
31	72.0	29.044	.123	28.921	29.87	33.6	33.0	32	94	.180	37.4	33.4	E	18			T	10	St	E	Cloudy		B.M.W.	31
Sums	(a)	(a)	(a)	903.894	933.25	1055.4	992.9	896	2508	5.054	(a)	(a)	(a)	331	(a)	(a)	2.75	227	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.158	30.105	34.0	32.0	28.9	80.9	.163	(a)	(a)	(c) N	10.7	(a)	(a)	(a)	7.3	U a. St. 5C L 10 Nb	U W L N	NW		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 1922.

Number of Station barometer, 636; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	76.0	29.383	.135	29.248	30.22	22.2	21.8	21	94	.108	23.1	20.0	NE	12			.14	10	Nb	NE	Lt. Snow			CCS	1
2	77.0	29.412	.138	29.274	30.23	30.8	28.3	24	74	.124	33.3	22.0	W	5			T	0	0	0	Clear			CCS	2
3	78.0	29.455	.141	29.314	30.27	36.8	30.2	18	44	.093	41.0	23.6	NW	2			0	0	0	0	Clear			CCS	3
4	79.0	29.231	.142	29.089	30.04	39.6	34.6	28	61	.150	44.2	26.3	W	5			0	0	0	0	Clear			CCS	4
5	76.5	29.092	.135	28.957	29.91	43.3	38.8	33	67	.187	53.0	31.4	S	12			0	0	0	0	Clear			Chas. O.	5
6	75.5	28.833	.131	28.702	29.62	51.0	48.5	46	84	.310	56.3	44.0	SW	16	28	SW	.20	10	St	SW	Cloudy			CCS	6
7	74.0	29.060	.128	28.932	29.88	31.1	30.3	30	91	.164	35.1	31.1	W	22	28	SW	.02	10	Nb	W	Lt. Snow			CCS	7
8	75.5	29.455	.134	29.321	30.27	40.0	33.5	23	49	.118	43.7	27.7	SE	5			0	0	0	0	Clear			CCS	8
9	75.5	29.265	.133	29.132	30.07	46.2	39.3	30	54	.164	51.9	33.8	E	6			0	9	Ci St	W	Cloudy			CCS	9
10	75.0	28.752	.130	28.622	29.54	42.0	39.8	37	83	.219	52.1	37.7	NE	18			.08	10	Nb	NE	Lt. Rain			CCS	10
11	75.5	29.285	.133	29.152	30.09	43.0	39.0	34	70	.195	45.0	34.0	N	6			T	4	Cu	E	Pt. Cloudy			CCS	11
12	76.5	29.470	.137	29.333	30.28	43.2	41.2	39	85	.237	44.8	31.7	SE	3			0	2	AST	NW	Clear	3-8:45a E-11:15a		Chas. O.	12
13	75.0	29.294	.132	29.162	30.09	60.0	52.0	45	58	.298	64.8	39.5	SW	10			0	8	Cu	W	Cloudy			CCS	13
14	77.0	29.238	.137	29.101	30.03	47.6	45.1	43	83	.277	51.0	46.2	NE	8			.23	10	St	NE	Cloudy			CCS	14
15	77.0	29.490	.138	29.352	30.30	44.9	35.4	20	36	.103	52.8	36.9	NW	9			0	0	0	0	Clear			CCS	15
16	76.0	29.524	.135	29.389	30.34	43.0	34.3	20	38	.103	46.5	35.0	N	3			0	8	AST	NW	Cloudy			CCS	16
17	75.5	29.563	.134	29.429	30.39	34.8	31.6	27	71	.143	37.2	31.7	E	13			0	10	AST	O?	Cloudy			CCS	17
18	77.5	29.273	.138	29.135	30.09	36.0	32.0	26	65	.136	36.9	26.5	E	10	25	E	T	8	AST	W	Cloudy			CCS	18
19	75.0	28.482	.128	28.354	29.26	57.2	55.2	54	88	.417	59.0	39.0	SE	7			.19	10	Nb	SE	Lt. Rain			Chas. O.	19
20	70.0	28.912	.118	28.794	29.73	30.0	29.0	27	89	.143	30.6	27.0	W	20	33	NW	.13	10	Nb	W	Lt. Snow			CCS	20
21	69.5	29.390	.118	29.272	30.23	27.0	24.5	20	70	.103	30.0	26.4	NW	20	28	NW	.05	10	St	NW	Cloudy			CCS	21
22	75.0	29.516	.133	29.383	30.34	35.0	34.2	22	55	.113	38.8	24.0	S	3			0	1	AST	NW	Clear			[illegible]	22
23	76.5	29.335	.136	29.199	30.13	60.0	53.2	47	63	.322	64.4	36.9	W	8			T	10	Nb	W	Lt. Rain			[illegible]	23
24	77.0	29.378	.138	29.240	30.18	40.0	39.0	38	92	.228	44.8	40.0	E	13			.22	10	St	E	Cloudy			[illegible]	24
25	76.0	29.194	.134	29.060	29.99	63.0	53.0	45	51	.298	71.0	43.7	S	7	29	SW	0	3	St Cu	SW	Clear			[illegible]	25
26	75.5	29.465	.134	29.331	30.28	38.0	36.0	33	83	.187	39.0	34.9	E	12			.22	10	Nb	E	Lt. Rain			[illegible]	26
27	75.5	29.134	.133	29.001	29.94	43.2	42.2	41	92	.256	43.8	36.2	E	4			.05	10	St	E	Cloudy			[illegible]	27
28	75.0	29.180	.132	29.048	[illegible]	45.7	43.7	42	86	[illegible]	58.4	40.7	NW	[illegible]	31	W	.16	10	St Cu	NW	Cloudy	13-DNA E-11:10a		[illegible]	28
29	74.0	29.473	.130	29.343	30.30	32.0	30.5	28	85	.150	33.7	30.0	E	12			0	10	St Cu	E	Cloudy			[illegible]	29
30	72.5	29.195	.125	29.070	30.02	36.8	35.9	33	87	.187	36.8	33.0	NW	7			1.22	10	St	NW	Cloudy			[illegible]	30
31	73.0	29.020	.125	28.895	29.85	32.3	31.8	31	95	.172	35.0	32.0	NW	14	28	NE	.37	10	Nb	NW	Lt. Snow			CCS	31
Sums		(a)	(a)	902.634	931.89	1275.7	1158.9	1005	2243	5.971	(a)	(a)	(a)	324	(a)	(a)	3.28	213	(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)	29.117	30.061	41.2	37.4	32.4	72.4	.193	(a)	(a)	(c) E	10.5	(a)	(a)	(a)	6.9	U ast L Nb	U NW L E	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

†By dial when self-register is out of order. ††T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 1922

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	23	20	3	1	22				S^d	DNA	DNP										.15				0	1.8	1.8	.15	1
2	33	21	12	5	27				S^g	7:20a	10:14a										T				0	0.1	0.1	T	2
3	41	22	19	5	32																0				0	0	T	0	3
4	44	25	19	2	34																0				0	0	0	0	4
5	53	31	22	8	42																0				0	0	0	0	5
6	56	40	16	6	48				R	3:11p	6:30p	R	7:11p	8:15p							.21				0	0	0	0	6
7	40	29	11	14	34				S^m	9:55a	DNP										.02				0	0.2	T	.02	7
8	44	28	16	2	36																0				0	T	0	0	8
9	52	32	20	6	42																0				0	0	0	0	9
10	52	38	14	3	[illegible]				R	2:35p	Cont'd										.58				0	0	0	0	10
11	45	34	11	5	40				R	Cont'd	6:10a	S^m	6:10a	8:29a							.46				0	T	0	T	11
12	45	31	14	2	38																0				0	0	0	0	12
13	[illegible]	[illegible]	23	14	[illegible]				R	8:00p	8:15p	R	10:50p	Cont'd							.10				0	0	0	0	13
14	54	41	13	3	48				R	Cont'd	1:10p										.38				0	0	0	0	14
15	53	36	17	5	44																0				0	0	0	0	15
16	46	35	11	4	40																0				0	0	0	0	16
17	37	28	9	8	32																0				0	0	0	0	17
18	37	25	12	1	31				S^l	1:40a	DNA	R	12:25p	2:30p							T				T	0	0	0	18
19	59	35	24	16	47				R	DNA	DNA	R	6:30a	10:55a	R	5:30p	7:25p	R	9:40p	11:15p	.29				0	0	0	0	19
20	38	27	11	15	32				S^m	1:15a	Cont'd										.28				0	2.2	1.6	.28	20
21	30	26	4	7	28				S^m	Cont'd	6:10p										.06				0	0.6	2.0	.06	21
22	39	24	15	4	32																0				0	0	1.5	0	22
23	64	31	33	16	48				R	6:30p	DNP										.30				0	0	0	0	23
24	54	39	15	2	46				R	7:12a	7:18a	R	1:00p	2:14p	R	4:50p	5:35p	R	7:00p	7:19p	.23				0	0	0	0	24
25	71	35	36	9	53																0				0	0	0	0	25
26	45	35	10	13	40				R	DNA	Cont'd										.40				0	0	0	0	26
27	45	36	9	0	40				R	Cont'd	1:30p	R	9:11p	9:25p							.19				0	0	0	0	27
28	58	39	19	8	48				R	DNA	DNA	R	6:35a	9:40a	R	2:05p	4:50p				.17				0	0	0	0	28
29	39	30	9	14	34				R	9:45p	Cont'd										.04				0	0	0	0	29
30	37	32	5	0	34				R	Cont'd	3:28p										.40				0	0	0	0	30
31	35	30	5	2	32				R	DNA	DNA	R	7:50a	9:20a	R	10:10a	6:20p	S^m	8:20p	9:00p	.42				0	T	T	T	31
S	1434	978	456	195	1202		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	6.03		Total excess or deficiency since January 1,		T	4.9	(a)	(a)	(a)
M	46.3	31.5	14.7	6.3	38.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Ø Estimated.

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SUMMARY FOR THE MONTH OF _____, 192

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.158	29.117	29.138	29.600	1	28.300	19	1.300	30.105	30.061	30.083	30.58	1	29.21	19	.37
Corrected mean		29.133						Corrected mean		30.078					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
34.0	41.2	37.6	32.0	37.4	34.7	46.3	31.5	38.9	71	25	20	1	51	36	25	3	1

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative humidity. 8 a.m.	Relative humidity. 8 p.m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a.m.	Vapor pressure. 8 p.m.	Vapor pressure. Monthly. (g)
28.9	32.4	30.6	80.9	72.4	76.6	.163	.193	.178

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
2	0	18	0

Clouds.

Most frequent clouds N.b.

Most frequent direction upper clouds NW

Most frequent direction lower clouds E

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8477	11.4	E	36	SW	19	10	7	13	5	7	6	7	7	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.3	6.9	7.0	36	7	5	19	1	0	17

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	23, 24	0	9, 17	9	12, 28	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
6.03	1.44	29-30	0			0			2	18	17	9	1	20	7	4	4.9	T

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket rain gage not exposed during the month.																				

* The duration is the time precipitation was actually recorded.

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Prepared by [illegible]

C. M. Donough, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 192

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
																							Ordered		
1"	12 00 noon	11 00 am	74.5	29.489	.131	29.358	30.33	22.0	21.0	19	3	86	22.0	NE	19			.01	10	Nb	NE	Lt Snow	by C.O.	C.O.S.	1"
10"	12 00 Noon	11 00 a.m.	74.0	28.896	.128	28.768	29.69	52.0	43.3	33	19	48	52.0	E	18			0	4	Cu	S	Pl. Cloudy	Ordered by C.O.	CWS	10"
19"	12 00 Noon	11 00 a.m.	72.0	28.742	.122	28.620	29.54	51.0	50.0	49	2	94	51.0	SE	11			.17	10	St Cu	SE	Cloudy	Ordered by C.O.	CWS	19"
30"	12 00 Noon	11 00 a.m.	72.5	29.032	.124	28.908	29.86	35.0	34.7	34	1	97	35.0	E	20	21	E	.39	10	Nb	E	Lt. Rain	Ordered by C.O.	CWS	30"
31"	12 00 Noon	11 00 a.m.	73.0	28.873	.124	28.749	29.69	35.0	34.7	34	1	97	35.0	NE	20	26	NE	.04	10	Nb	NE	Lt. Rain	Ordered by C.O.	CWS	31"
						Pressure Extremes.																			
1	12 00 am	1 00 am				29.600	30.58	21.0																	1
19 } 20 }	12 15 am	11 15 pm				28.300	29.21	42.0																	19 } 20 }

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *192*

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* ..... *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	15	2	243	16	95	6													353	24
2	63	10											33	6	59	8			155	24
3					13	4					35	6	38	8	22	6			108	24
4	54	10	4	1	4	2					35	4	17	3	32	4			146	24
5									144	12	148	12							292	24
6									311	17	64	4	53	3					428	24
7											136	9	265	13	35	2			436	24
8							21	4	45	6	23	3	100	11					189	24
9					11	2	45	8	88	13	8	1							152	24
10			118	8	159	13	5	1	8	2									290	24
11	78	9	130	15															208	24
12			37	6	28	5	65	13											130	24
13							5	1	55	7	195	15	7	1					262	24
14	25	2	108	11	7	2	14	2	8	1	11	4	6	1	6	1			185	24
15	41	5	100	9											90	10			231	24
16	41	7	37	6									5	1	60	10			143	24
17			20	2	268	22													288	24
18					334	23	11	1											345	24
19					62	6	69	9	120	8	21	1							272	24
20													468	19	107	5			575	24
21													59	3	357	21			416	24
22	70	7					20	5	4	1	15	3			69	8			178	24
23							27	4	89	7	147	13							263	24
24	3	1	62	5	226	18													291	24
25					29	5	10	2	55	4	233	12			18	1			345	24
26	74	9	58	6	109	9													241	24
27			55	5	165	18	2	1											222	24
28									2	1	148	15	24	1	104	7			278	24
29	49	5	36	3	260	16													345	24
30	41	5	58	5	215	12									15	2			329	24
31	12	1	209	13	63	4									97	6			381	24
SUM.	566	73	1275	111	2048	167	294	51	929	79	1219	102	1075	70	1071	91	0	0	8477	744
PERCENTAGE	7	10	15	15	24	22	3	7	11	11	14	14	13	9	13	12			a	a
AVG. HOURLY VELOCITY	7.8	a	11.5	a	12.3	a	5.8	a	11.8	a	12.0	a	15.4	a	11.8	a	0	a	11.4	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of April, *192*2.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun streets, rooms 911-912 Shoaff Bldg; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible], 192[illegible]

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:28 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.0	29.407	.130	29.277	30.24	32.0	30.6	27	79	.143	32.3	29.2	W	7			T	9	StCu	NW	Cloudy		CCS	1
2	71.0	29.565	.122	29.443	30.39	37.1	33.1	27	66	.143	42.8	33.1	NE	1			0	10	A St	NW	Cloudy		CCS	2
3	74.5	29.417	.131	29.286	30.23	43.0	40.[illegible]	36	78	.211	49.1	42.6	E	4			0	10	AST	NW	Cloudy		CCS	3
4	75.5	29.336	.133	29.203	30.13	48.0	47.0	46	93	.310	54.0	48.0	N	4			.13	10	St	N	Cloudy		CCS	4
5	76.0	29.336	.134	29.202	30.13	39.4	37.1	39	98	.237	56.5	38.6	E	19			0	10	St	E	Cloudy		CCS	5
6	73.0	29.205	.126	29.079	30.01	46.0	45.0	44	93	.287	49.7	43.6	E	8			T	10	StCu	E	Cloudy		CCS	6
7	75.5	29.116	.132	28.984	29.90	60.6	57.0	54	81	.417	67.0	57.6	SW	11			0	10	AST	W	Cloudy		CCS	7
8	74.5	29.100	.129	28.971	29.89	59.0	58.0	57	94	.465	64.8	57.5	SW	11			.14	10	SlCu	SW	Cloudy		CCS	8
9	74.0	28.865	.127	28.738	29.64	60.9	57.0	54	79	.417	68.9	60.5	SW	24	37	S	.03	8	Cu	SW	Cloudy		CCS	9
10	74.0	28.972	.128	28.844	29.75	60.3	56.8	54	81	.417	70.0	59.5	SW	11			0	3	ACu	SW	Clear		CCS	10
11	74.0	28.403	.126	28.277	29.17	56.0	52.0	49	77	.347	65.1	56.0	S	20	36	SW	.76	10	St	SW	Clear		CCS	11
12	66.5	28.872	.108	28.764	29.69	38.0	35.0	31	75	.172	42.8	36.7	W	16	32	W	.02	10	StCu	W	Cloudy		CMK	12
13	70.5	28.984	.119	28.865	29.79	38.0	36.2	33	85	.187	50.0	35.6	E	7	27	N	.02	8	St. Cu.	E	Cloudy		P.M.S.	13
14	70.5	29.024	.119	28.905	29.83	42.8	41.3	40	88	.247	50.4	41.6	E	9			.21	6 2	AST StCu	W E	Cloudy		CMK	14
15	70.5	29.290	.120	29.170	30.10	39.4	38.0	34	89	.219	45.9	37.7	SW	7			.03	10	St	SW	Cloudy		CCS	15
16	72.5	29.279	.125	29.154	30.08	49.8	43.8	37	62	.219	57.3	45.0	SE	8			0	0	0	0	Clear		CCS	16
17	75.0	28.867	.130	28.737	29.64	61.4	60.0	59	92	.499	68.2	61.4	SW	18	56	S	.70	10	StCu	SW	Cloudy		CCS	17
18	72.0	29.352	.124	29.228	30.16	41.2	37.3	32	70	.180	70.1	39.5	W	13	34	SW	.17	1	Cu	NW	Clear		CCS	18
19	72.0	29.310	.124	29.186	30.12	46.0	40.2	33	60	.187	50.0	40.3	S	11			0	0	0	0	Clear		CCS	19
20	66.0	29.548	.109	29.439	30.39	35.0	31.5	26	68	.136	41.2	32.6	W	13	48	W	T	Few	Cu	NW	Clear		CCS	20
21	69.0	29.408	.117	29.291	30.24	35.0	34.0	33	91	.187	46.3	32.7	E	10			.09	10	StCu	E	Cloudy		CCS	21
22	71.0	29.534	.122	29.412	30.36	38.1	33.1	26	59	.136	42.0	35.7	SW	9			T	4	Cu	NE	Pt. Cloudy		CCS	22
23	72.5	29.590	.126	29.464	30.41	43.3	36.8	28	53	.150	49.6	36.6	NE	2			0	0	0	0	Clear		CCS	23
24	74.0	29.618	.130	29.488	30.43	44.7	38.9	31	59	.172	57.2	42.7	SE	9			0	9	AST	NW	Cloudy		CCS	24
25	74.5	29.442	.131	29.311	30.25	48.1	45.2	42	81	.266	57.0	47.0	SE	5			.08	10	Nb	SE	Lt. Rain		CCS	25
26	73.5	29.333	.128	29.205	30.13	53.2	53.0	53	99	.402	56.0	53.0	NW	5			T	10 10	Nb Lt. Fog	NW NW	Misting		CCS	26
27	70.0	29.472	.119	29.353	30.30	40.0	36.1	31	69	.172	53.3	37.0	NE	15			0	4	Cu	E	Pt. Cloudy		CCS	27
28	66.5	29.607	.110	29.497	30.45	39.0	33.0	24	52	.124	46.0	32.6	NE	12			0	6	Ci St	W	Pt. Cloudy		CCS	28
29	72.0	29.565	.125	29.440	30.39	44.0	37.0	27	51	.143	50.2	36.6	NE	2			0	0	0	0	Clear		C.O.S.	29
30	73.5	29.572	.129	29.443	30.38	47.2	40.7	32	57	.186	60.5	45.9	E	5			0	0	0	0	Clear		C.O.S.	30
31																								31
Sums	(a)	(a)		874.656	902.62	1366.5	1266.1	1142	2279	7.372	(a)	(a)	(a)	296	(a)	(a)	2.38	200	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.155	30.087	45.6	42.2	38.1	76.0	.246	(a)	(a)	(c) E SW	9.9	(a)	(a)	(a)	6.7	U a.St. L St. Cu.	U W L E	NW		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 192

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:12 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	75.0	29.466	.133	29.333	30.28	42.8	36.8	29	56	.157	46.9	34.0	NW	7			0	1	St	NW	Clear			P. M. D.	1
2	76.5	29.445	.137	29.308	30.25	49.1	41.6	32	52	.180	53.0	39.1	SE	6			T	7	Cu	NW	Pt. Cloudy			E.	2
3	78.0	29.272	.140	29.132	30.06	54.0	49.0	44	70	.287	56.8	43.0	SE	5			T	10	StCu	SE	Cloudy			P. McD.	3
4	78.0	29.348	.140	29.208	30.14	56.5	51.5	48	72	.334	60.3	47.8	NE	7			0	5	StCu	NE	Pt. Cloudy			P. McD.	4
5	75.5	29.242	.133	29.109	30.05	49.7	46.2	43	77	.277	57.6	39.4	E	16			T	10	Nb	E	Lt. Rain			P. McD.	5
6	76.0	29.173	.134	29.039	29.97	67.0	60.8	57	70	.465	70.0	46.0	SW	7			0	1	StCu	SW	Clear	B-9:48a E-10:30a		P. McD.	6
7	75.0	29.016	.131	28.885	29.79	64.8	60.0	57	76	.465	75.0	60.3	W	5	44	SW	.01	8	StCu	W	Cloudy			P. McD.	7
8	75.0	29.008	.131	28.877	29.80	66.0	62.3	61	82	.536	70.4	59.0	SE	7			T	7 3	ASt St	SW SE	Cloudy			P. McD.	8
9	78.0	28.875	.138	28.737	29.64	70.0	57.8	49	47	.347	75.2	60.9	SW	14	39	SW	0	0	0	0	Clear			C. M. S.	9
10	75.5	28.814	.131	28.683	29.59	62.0	60.2	59	90	.499	77.6	60.3	SE	7	33	S	.36	10	StCu	SE	Cloudy R			P. McD.	10
11	72.0	28.608	.121	28.487	29.40	42.8	39.8	36	78	.211	56.0	41.4	SW	28	42	SW	.29	10	StCu	SW	Cloudy			P. McD.	11
12	72.0	28.984	.123	28.861	29.79	50.0	45.0	40	68	.247	54.3	38.0	NE	4	28	W	0	1	St.	NE	Clear			P. McD.	12
13	72.0	28.990	.123	28.867	29.80	50.4	48.2	46	86	.310	56.7	38.0	NE	15			.02	10	StCu	SW	Cloudy			P. McD.	13
14	72.5	28.946	.124	28.822	29.74	45.9	44.9	44	93	.287	47.2	42.8	N	9			.57	10	Nb	N	Lt. Rain			P. McD.	14
15	74.5	29.308	.130	29.178	30.11	57.3	48.8	41	53	.256	60.9	39.4	SE	2			0	0	0	0	Clear			P. McD.	15
16	75.0	29.050	.131	28.919	29.84	68.2	60.7	56	65	.448	73.0	49.8	S	6			0	2	ASt	SW	Clear			C. M. S.	16
17	75.0	28.804	.130	28.674	29.57	68.0	65.0	63	85	.575	72.0	59.0	SW	27	30	S	.24	10	Nb	SW	Lt. Rain R			P. McD.	17
18	75.0	29.464	.133	29.331	30.27	50.0	42.0	32	50	.180	54.6	41.2	SW	8			0	3	ASt	W	Clear			P. McD.	18
19	69.0	29.248	.116	29.132	30.07	41.2	35.6	28	57	.150	59.0	38.0	W	32	47	SW	.02	10	StCu	NW	Cloudy			P. McD.	19
20	71.0	29.500	.122	29.378	30.33	46.3	41.3	35	65	.203	48.9	35.0	NW	3			0	3 5	ACu StCu	NW NW	Cloudy			P. McD.	20
21	73.0	29.492	.127	29.365	30.31	42.0	39.0	35	77	.203	42.6	35.0	N	4			0	2	St	N	Clear			P. McD.	21
22	76.0	29.524	.135	29.389	30.34	49.6	41.0	30	46	.164	52.3	38.1	NW	2			0	8	StCu	NW	Cloudy			P. McD.	22
23	76.0	29.555	.135	29.420	30.36	57.2	46.8	35	45	.203	60.7	43.3	N	1			0	3	Cu	N	Clear			C. M. S.	23
24	75.0	29.504	.133	29.371	30.31	57.0	46.2	34	42	.195	62.3	44.7	SE	5			0	10	St	SE	Cloudy			P. McD.	24
25	74.5	29.312	.130	29.182	30.11	56.0	53.4	52	84	.387	57.4	46.9	S	5			.10	10	St	S	Cloudy			P. McD.	25
26	71.5	29.374	.122	29.252	30.18	53.3	50.1	47	81	.322	57.6	52.9	N	8			T	9	StCu	N	Cloudy	B-5:48a E-10:30a		P. McD.	26
27	71.0	29.436	.122	29.314	30.25	46.0	40.0	32	59	.180	49.0	40.0	NE	9			0	10	St	NE	Cloudy			P. McD.	27
28	73.0	29.556	.127	29.429	30.58	50.2	40.2	27	39	.143	54.0	39.0	E	5			0	1	ASt	W	Clear			P. McD.	28
29	76.0	29.486	.135	29.351	30.29	60.5	45.5	27	28	.143	63.8	44.0	N	3			0	1	ASt	W	Clear			P. McD.	29
30	74.5	29.518	.131	29.387	30.33	63.0	48.0	31	30	.172	67.6	47.2	E	4			0	2	ast.	NW	Clear			C. M. S.	30
31																									31
Sums		(a)	(a)	873.420	901.35	1636.8	1447.7	1250	1923	8.526	(a)	(a)	(a)	261	(a)	(a)	1.61	182	(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)	29.114	30.045	54.6	48.3	41.7	64.1	.284	(a)	(a)	(c) SE	8.7	(a)	(a)	(a)	6.1	U ASt L StCu	U NW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

†By dial when self-register is out of order. ††T indicates trace of precipitation. U, upper clouds. L, lower clouds.

8—15M

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 192

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. ‡ p.m. to ‡ p.m. *‡‡	Snow unmelted. ‡ p.m. to ‡ p.m. *‡‡	Hail, sleet, and snow on ground at ‡ p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Saturday 1	47	29	18	6	38																0				0	0.1	0	0	1
2	53	33	20	5	43				R	3:00p	3:10p										T				0	0	0	0	2
3	57	43	14	7	50				R	8:20a	9:12a	R	3:25p	4:50p	R	7:45p	Cont'd				.02				0	0	0	0	3
4	60	44	16	2	52				R	Cont'd	6:55a										.01				0	0	0	0	4
5	58	39	19	4	48				R	6:17p	8:28p										T				0	0	0	0	5
6	70	44	26	9	57																0				0	0	0	0	6
7	75	58	17	9	66				R	12:01p	12:04p	R	12:40p	1:55p							.61				0	0	0	0	7
8	70	58	12	2	64				R	DNA	DNA	R	7:20a	7:45a							.14				0	0	0	0	8
9	75	60	15	4	68				R	DNA	DNP										.03				0	0	0	0	9
10	78	60	18	1	69				R	1:37p	2:09p	R H	2:09p	2:11p	R	2:30p	6:10p	R	9:10p	Cont'd	.72				T	0	0	0	10
11	65	37	28	18	51				R R	Cont'd 6:55p	4:40a DNP	R	6:38a	8:35a	R	10:40a	1:25p	R	1:35p	6:15p	.71				0	0	0	0	11
12	54	38	16	5	46																0				0	0	0	0	12
13	57	36	21	0	46				R	DNA	DNA	R	8:13a	8:55a	R	4:15p	6:20p	R	10:13p	Cont'd	.13				0	0	0	0	13
14	47	42	5	2	44				R	Cont'd	DNA	R	12:05p	10:23p							.72				0	0	0	0	14
15	61	38	23	6	50																0				0	0	0	0	15
16	73	45	28	9	59																0				0	0	0	0	16
17	72	44	28	1	58				R	12:57a	5:30a	R	10:57a	12:25p	R	6:30p	8:00p				1.11				0	0	0	0	17
18	55	40	15	10	48																0				0	0	0	0	18
19	59	35	24	1	47				R	12:44p	1:33p	R	5:12p	3:30p	S^m	7:10p	8:05p				.02				0	0	0	T	19
20	49	33	16	6	41				S^m	11:10p	DNP	R	DNP	Cont'd							.01				0	T	0	.01	20
21	43	33	10	3	38				R	Cont'd	DNA										.08				0	T	0	0	21
22	52	36	16	6	44				R	DNA	DNA										T				0	0	0	0	22
23	61	37	24	5	49																0				0	0	0	0	23
24	62	43	19	3	52																0				0	0	0	0	24
25	57	47	10	0	52				R	DNA	1:20p										.18				0	0	0	0	25
26	58	42	16	2	50				R	DNA	8:19a										T				0	0	0	0	26
27	49	37	12	7	43																0				0	0	0	0	27
28	54	33	21	1	44																0				0	0	0	0	28
29	64	37	27	6	50																0				0	0	0	0	29
30	68	46	22	7	57																0				0	0	0	0	30
31																													31
S	1803	1247	556	147	1524		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.99		Total excess or deficiency since January 1,		T	0.1	(a)	(a)	(a)
M	60.1	41.6	18.5	4.9	50.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

* Estimated.
Δ melted as it fell.

8—154

SUMMARY FOR THE MONTH OF April, 192

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean ____.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.155	29.114	29.134	29.497	28	28.260	11	1.237	30.087	30.045	30.066	30.45	28	29.16	11	1.29
Corrected mean 29.129								Corrected mean 30.061							

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
45.6	54.6	50.1	42.2	48.3	45.2	60.1	41.6	50.8	78	10	29	1	49	28	11	5	14

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
38.1	41.7	39.9	76.0	64.1	70.0	.246	.284	.265	0	0	1	0

Clouds.
Most frequent clouds St. Cu.
Most frequent direction upper clouds W
Most frequent direction lower clouds SW & NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7642	10.6	SW	56	S	17	6	9	10	9	4	12	6	4	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.7	6.1	6.7	61	5	9	16	0	3	11

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
19	27, 29	0	10, 11, 13, 14, 17.	7, 11, 17, 19	24, 29	4	6, 26	0	0	0	0	0	10	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.99	1.35	10-11	0			0			4	14	10	4	1	18	2	1	0.1	0

(w) Maximum precipitation in 5 minutes 0.12, date 17; 10 minutes 0.16, date 17; 15 minutes 0.20, date 17;
30 minutes 0.22, date 17; 1 hour 0.35, date 17; 2 hours 0.62, date 17.

Tipping bucket gage exposed 1.53 p.m. of 8" **EXCESSIVE.**

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None during month.																				

* The duration is the time precipitation was actually recorded.

8—154

Prepared by CDS

O. M. Donough Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1922.

Number of Station barometer, 656; sum of corrections, —.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
17	4 00 pm	3 00 pm	74.0	28.815	.127	28.688	29.60	63.5	60.0	58	6	82	67.2	S	13	28	SW	.20	3	Cu	SW	Clear	Called for by Chicago	CCB	17
19	4 00 pm	3 00 pm	73.0	29.172	.126	29.046	29.99	48.0	38.0	23	25	36	59.0	SW	44	44	SW	.02	3	Cu	W	Clear	Called for by Chicago	PHeD	19
								Extremes of Pressure.																	
												Lowest.													
11	9 30 am	8 00 am				28.260	29.16	50.0																	11

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of April, 1922

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	10	2	4	1											261	21			275	24
2			19	9	5	1	68	13	8	1									100	24
3			17	4	59	12	33	7	3	1									112	24
4	10	3	69	14	58	5							3	1	4	1			144	24
5					346	24													346	24
6					53	8			45	6	102	10							200	24
7									20	2	274	20	5	1	7	1			306	24
8							54	7	39	5	124	12							217	24
9									76	4	437	20							513	24
10					55	7			11	1	243	16							309	24
11					10	1			11	1	462	18	98	4					581	24
12			28	4	16	2							355	18					399	24
13			95	9	140	14	5	1											240	24
14	36	4	118	11	71	7									25	2			250	24
15							29	6			43	5	22	3	75	10			169	24
16					13	2	85	10	136	12									234	24
17									169	10	210	10	54	2	44	2			477	24
18											60	8	181	13	43	3			284	24
19									16	2	157	11	240	7	107	4			520	24
20			4	1	36	4							111	8	139	11			290	24
21	17	6	98	10	102	7											0	1	217	24
22	9	2			4	2	5	1			30	4	2	1	78	14			128	24
23	26	10	4	2					25	5	5	1	10	2	22	4			92	24
24							114	16	62	8									176	24
25					13	3	36	8	65	13									114	24
26	114	13	10	1							15	4			37	6			176	24
27	10	1	271	23															281	24
28			211	17	44	7													255	24
29	55	11	45	10	8	3													108	24
30	18	5	31	5	80	14													129	24
31																				
SUM.	305	57	1,024	121	1,113	123	429	69	686	71	2,162	139	1081	60	842	79	0	1	7,642	720
PERCENTAGE	4	8	13	17	15	17	6	10	9	10	28	19	14	8	11	11			a	a
AVG. HOURLY VELOCITY	5.4	a	8.5	a	9.0	a	6.2	a	9.7	a	15.6	a	18.0	a	10.7	a		a	10.6	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *192*2.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room 911-912 Shoaff Building; first observation taken in present office, 7.00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1922.

Number of Station barometer, 6.56; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	29.590	.125	29.465	30.40	45.0	40.2	34	66	.195	63.0	41.0	E	5			0	0	0	0	Clear		P.McD.	1
2	73.5	29.460	.129	29.331	30.26	61.0	52.5	45	56	.298	68.8	57.0	S	6			0	8	Cu	S	Cloudy		P.McD.	2
3	75.5	29.105	.132	28.973	29.89	58.6	58.0	57	96	.465	70.0	57.5	NE	6			.55	10	Nb	NE	Lt. Rain		P.McD.	3
4	75.0	29.020	.131	28.889	29.81	56.0	55.5	55	97	.432	66.7	52.3	SW	3			.05	10 10	St Cu Lt. Fog	SW SW	Cloudy		P.McD.	4
5	75.0	29.000	.131	28.869	29.79	57.5	52.5	48	72	.334	59.8	52.9	W	5			T	1	A St	W	Clear		P.McD.	5
6	74.0	28.872	.127	28.745	29.64	62.0	55.6	51	67	.373	69.0	56.6	S	18	36	S	T	4	A St	W	Pt. Cloudy		P.McD.	6
7	73.0	29.130	.126	29.004	29.92	54.0	49.0	44	70	.287	62.0	50.6	NW	8			.01	0	0	0	Clear		P.McD.	7
8	73.0	29.424	.127	29.297	30.23	56.3	48.8	43	62	.277	65.5	49.7	SE	3			0	1	A St	W	Clear		P.McD.	8
9	73.0	29.302	.126	29.176	30.10	58.0	54.0	51	77	.373	67.0	54.3	N	5			.13	3 6	A St Cu	W SW	Cloudy		P.McD.	9
10	75.0	29.290	.132	29.158	30.08	65.0	63.0	62	90	.555	70.3	62.8	E	6			.04	10	Nb	SW	Lt. Rain		P.McD.	10
11	76.5	29.255	.136	29.119	30.03	67.2	63.9	62	84	.555	75.0	60.2	E	2			0	0	0	0	Clear		P.McD.	11
12	79.5	29.090	.143	28.947	29.85	70.0	64.0	61	72	.536	77.3	65.1	W	4			0	1	A St	NW	Clear		P.McD.	12
13	77.5	29.152	.138	29.014	29.93	59.3	56.3	54	83	.417	67.0	56.3	E	2			T	9	St Cu	E	Cloudy		P.McD.	13
14	75.5	29.200	.133	29.067	29.99	58.6	52.0	46	64	.310	66.0	51.4	E	2			0	1	A St	NW	Clear		P.McD.	14
15	75.0	29.272	.132	29.140	30.06	56.0	53.8	53	87	.402	67.0	54.2	NE	2			.01	9	St Cu	NE	Cloudy		P.McD.	15
16	73.0	29.240	.126	29.114	30.03	59.2	54.9	52	76	.387	63.6	52.4	SW	4			0	4	A St	W	Pt. Cloudy		P.McD.	16
17	74.0	28.960	.128	28.832	29.73	59.0	57.2	56	90	.448	69.0	55.0	SE	4			T	10	St Cu	SE	Cloudy		P.McD.	17
18	71.0	28.692	.119	28.573	29.48	54.9	53.4	52	91	.387	59.3	50.8	SE	3			T	9	St Cu	SE	Cloudy		P.McD.	18
19	68.0	28.508	.111	28.397	29.31	53.0	52.0	51	94	.373	55.6	51.9	SW	19			.72	10	Nb	SW	Lt. Rain		P.McD.	19
20	64.0	29.016	.102	28.914	29.83	57.0	56.0	55	94	.432	57.0	53.2	W	9			.02	10	St	W	Cloudy		P.McD.	20
21	68.0	29.290	.113	29.177	30.10	59.0	57.5	57	92	.465	68.0	55.0	N	5			0	8	St Cu	N	Cloudy		P.McD.	21
22	69.0	29.372	.116	29.256	30.19	57.9	54.8	53	82	.402	69.0	52.2	E	11			0	0	0	0	Clear		P.McD.	22
23	71.5	29.315	.122	29.193	30.11	58.0	55.9	55	88	.432	66.0	53.0	E	10			0	7	A St	NW	Pt. Cloudy		P.McD.	23
24	73.0	29.354	.126	29.228	30.15	62.8	61.3	61	92	.536	73.0	59.0	E	4			.20	6 3	A St St	W E	Cloudy		P.McD.	24
25	73.5	29.324	.128	29.196	30.12	69.0	65.3	65	91	.616	68.0	64.8	S	4			.28	6 2	A St St Cu	W S	Cloudy		P.McD.	25
26	74.0	29.252	.129	29.123	30.04	63.3	62.8	62	97	.555	70.2	62.9	E	4			T	10	St	E	Cloudy		P.McD.	26
27	73.5	29.380	.129	29.251	30.18	57.4	54.4	52	83	.387	67.0	50.3	NE	10			0	2	A St	NW	Clear		P.McD.	27
28	72.5	29.530	.126	29.404	30.33	56.5	52.0	48	74	.334	66.0	47.5	E	11			0	0	0	0	Clear		P.McD.	28
29	74.0	29.424	.130	29.294	30.22	60.3	56.3	53	78	.402	71.0	52.8	E	2			0	0	0	0	Clear		P.McD.	29
30	75.5	29.322	.133	29.189	30.11	67.0	61.2	57	72	.465	75.0	60.0	S	7			0	0	0	0	Clear		P.McD.	30
31	76.5	29.254	.136	29.118	30.03	66.3	60.3	56	71	.448	78.0	61.6	S	7			0	0	0	0	Clear		P.McD.	31
Sums		(a)	(a)	901.453	929.94	1842.1	1734.4	1651	2508	12878	(a)	(a)	(a)	191	(a)	(a)	2.01	160	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.079	29.998	59.4	55.9	53.3	80.9	.415	(a)	(a)	(c) E	6.2	(a)	(a)	(a)	5.2	U St. L St. Cu.	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 2:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	76.5	29.457	.137	29.320	30.26	68.8	52.3	37	31	.219	73.2	45.0	S	4			0	10	A St	W	Cloudy			CCS	1
2	75.0	29.280	.132	29.148	30.07	70.0	60.5	54	58	.417	76.4	61.0	S	6			0	8	A St	W	Cloudy			CCS	2
3	75.5	29.043	.132	28.911	29.83	65.7	60.3	57	74	.465	67.7	58.6	W	4			.10	1 / 8	A St / St Cu	W / W	Cloudy			CCS	3
4	75.0	28.956	.131	28.825	29.73	59.1	56.1	54	83	.417	76.8	56.0	E	4			.01	10	Nb	E	Lt. Rain	B-DNA E-8:10a		CCS	4
5	76.0	28.941	.133	28.808	29.71	69.0	54.8	43	39	.277	73.9	57.5	SW	6			0	5	Cu	NW	Pt. Cloudy			CCS	5
6	78.0	28.861	.137	28.724	29.63	62.0	54.8	50	63	.360	74.7	62.0	NW	11	34	SW	0	8	St Cu	NW	Cloudy			CCS	6
7	80.0	29.304	.145	29.159	30.08	65.5	55.0	46	50	.310	69.0	54.0	NW	6			0	0	0	0	Clear			A.M.D.	7
8	74.0	29.310	.129	29.181	30.10	67.0	54.0	43	42	.277	72.0	55.3	SE	7			0	7	A St	NW	Pt. Cloudy			CCS	8
9	75.5	29.206	.133	29.073	29.[illegible]	69.0	66.0	64	86	.595	83.2	58.0	SE	11			.09	10	Nb	SW	Lt. Rain			CCS	9
10	77.5	29.241	.138	29.103	30.01	75.0	67.5	64	68	.595	78.0	65.0	E	4			T	2	Cu	NW	Clear			CCS	10
11	80.0	29.108	.144	28.964	29.87	77.3	68.0	64	62	.595	85.8	67.2	S	3			T	2	A St	NW	Clear			CCS	11
12	79.0	29.082	.141	28.941	29.85	67.0	62.0	59	76	.499	82.8	67.0	E	2	27	W	.17	10	St	NW	Cloudy			CCS	12
13	77.5	29.157	.138	29.019	29.94	66.0	53.0	42	41	.266	72.0	59.3	NW	5			0	2	A St	NW	Clear			CCS	13
14	77.0	29.216	.137	29.079	30.00	67.0	57.3	51	55	.373	74.0	58.6	NW	6			0	8	St Cu	N	Cloudy			A.M.D.	14
15	75.0	29.233	.132	29.101	30.02	63.6	55.0	48	58	.334	70.0	56.0	W	3			.01	1 / 6	A Cu / Cu	W / E	Pt. Cloudy			CCS	15
16	75.0	29.057	.131	28.926	29.84	69.0	58.0	50	51	.360	74.0	59.2	SE	4			0	8	Cu	S	Cloudy			CCS	16
17	72.5	28.850	.123	28.727	29.64	59.3	57.2	56	88	.448	66.6	59.0	E	3			.11	4 / 5	A St / St Cu	SW / NE	Lt. Rain			CCS	17
18	70.0	28.522	.116	28.406	29.32	55.6	55.0	54	96	.417	65.1	54.9	E	2			.43	10	Nb	E	Lt. Rain			CCS	18
19	65.0	28.791	.104	28.687	29.60	53.2	52.7	52	97	.387	54.0	53.0	W	20	29	SW	.50	10	Nb	W	Lt. Rain			CCS	19
20	67.0	29.129	.110	29.019	29.94	68.0	60.0	55	63	.432	71.0	57.0	NW	5			T	3	Cu	NW	Clear			CCS	20
21	71.0	29.294	.121	29.173	30.09	69.0	64.3	62	78	.555	74.0	59.0	E	6			0	0	0	0	Clear			A.M.D.	21
22	72.0	29.300	.124	29.176	30.10	66.0	59.0	54	66	.417	73.0	57.9	E	9			0	5	A St	NW	Pt. Cloudy			CCS	22
23	73.0	29.278	.126	29.152	30.07	73.0	66.0	62	69	.555	80.0	58.0	E	12			0	9	A St	NW	Cloudy			CCS	23
24	74.0	29.310	.129	29.181	30.10	67.2	65.2	64	90	.595	80.3	62.8	E	4			.22	8	A St	SW	Cloudy			CCS	24
25	74.5	29.229	.130	29.099	30.01	70.2	66.8	65	84	.616	74.3	67.0	SE	7			.11	10	Nb	SE	Lt. Rain			CCS	25
26	75.0	29.244	.132	29.112	30.03	67.0	65.0	64	90	.595	75.8	63.3	E	7			0	6	A St	O?	Pt. Cloudy			CCS	26
27	75.0	29.450	.133	29.317	30.25	66.0	57.2	51	59	.373	71.0	57.4	E	9			0	1	Cu	NE	Clear			CCS	27
28	75.5	29.414	.134	29.280	30.21	71.0	61.4	56	58	.448	75.0	56.5	E	5			0	0	0	0	Clear			A.M.D.	28
29	76.0	29.295	.134	29.161	30.08	75.0	60.0	50	41	.360	80.0	60.3	SE	2			0	0	0	0	Clear			CCS	29
30	79.0	29.240	.142	29.098	30.01	78.0	67.6	62	58	.555	82.0	67.0	SE	4			0	1	St Cu	SE	Clear			A.M.D.	30
31	79.5	29.253	.144	29.109	30.03	66.0	63.0	61	85	.536	84.0	66.0	N	8			.08	9	St Cu	NW	Cloudy			CCS	31
Sums		(a)	(a)	899.979	928.41	2085.5	1855.0	1694	2059	13.648	(a)	(a)	(a)	189	(a)	(a)	1.83	187	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.032	29.949	67.3	59.8	54.6	66.4	.440	(a)	(a)	(c) E	6.1	(a)	(a)	(a)	6.0	U ast. st. cu L cu. L	U. NW NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

†By dial when self-register is out of order. ††T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1922

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Monday 1	73	41	32	0	57																0				0	0	0	0	1
2	76	57	19	2	66																0				0	0	0	0	2
3	68	58	10	3	63				R	DNA	12:40p	R	7:12p	8:30p							.70				0	0	0	0	3
4	77	52	25	1	64				R	12:25p	12:30p	R	4:20p	5:50p	R	6:29p	7:10p				.01				0	0	0	0	4
5	74	53	21	0	64																0				0	0	0	0	5
6	75	56	19	2	66				R	DNA	DNA	R	6:55p	7:50p							.01				0	0	0	0	6
7	69	51	18	6	60																0				0	0	0	0	7
8	72	50	22	1	61																0				0	0	0	0	8
9	83	54	29	7	68				R	4:30a	6:20a	R	3:20p	3:25p	R	6:08p	9:20p	R	10:08p	DNP	.26				0	0	0	0	9
10	78	63	15	2	70				R	6:30a	7:18a	R	9:33a	11:12a							T				0	0	0	0	10
11	86	60	26	3	73				R	3:30p	3:33p										T				0	0	0	0	11
12	83	59	24	2	71				R	11:54a	12:55p	R	3:00p	3:10p	R	9:30p	9:50p				.17				0	0	0	0	12
13	72	56	16	7	64																0				0	0	0	0	13
14	74	51	23	2	62				R	9:02p	9:03p										T				0	0	0	0	14
15	70	54	16	0	62				R	DNA	DNA	R	12:32p	12:36p	R	1:50p	2:40p				.02				0	0	0	0	15
16	74	52	22	1	63																0				0	0	0	0	16
17	67	55	12	2	61				R	DNA	DNA	R	11:40a	5:00p	R	6:20p	6:55p				.11				0	0	0	0	17
18	65	51	14	3	58				R	12:00N	1:56p	R	4:16p	Cont'd							.85				0	0	0	0	18
19	55	52	3	4	54				R	Cont'd	9:30p										.82				0	0	0	0	19
20	71	55	16	9	63				R	7:30a	8:10a										T				0	0	0	0	20
21	74	55	19	1	64																0				0	0	0	0	21
22	73	52	21	2	62																0				0	0	0	0	22
23	80	53	27	4	66																0				0	0	0	0	23
24	80	59	21	4	70				R	1:08a	DNA	R	1:00p	2:30p	R	3:25p	5:20p				.42				0	0	0	0	24
25	74	65	9	0	70				R	12:30a	5:30a	R	9:40a	11:10a	R	11:42p	7:25p				.39				0	0	0	0	25
26	76	58	18	3	67																0				0	0	0	0	26
27	71	50	21	7	60																0				0	0	0	0	27
28	75	52	23	4	64																0				0	0	0	0	28
29	80	53	27	2	66																0				0	0	0	0	29
30	82	60	22	5	71																0				0	0	0	0	30
31	84	56	28	1	70				R	5:40p	6:35p										.08				0	0	0	0	31
S	2311	1693	618	97	2000		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.84		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	74.5	54.6	19.9	3.1	64.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF MAR, 1922.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.079	29.032	29.056	29.465	1	28.370	19	1.095	29.998	29.949	29.974	30.40	1	29.28	19	1.12
Corrected mean		29.051						Corrected mean		29.969					

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
59.4	67.3	63.4	55.9	59.8	57.8	74.5	54.6	64.6	86	11	41	1	45	32	1	3	19

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)
53.3	54.6	54.0	80.9	66.4	73.6	.415	.440	.428

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
0	0	0	0

CLOUDS.

Most frequent clouds: Cu. St.

Most frequent direction upper clouds: W

Most frequent direction lower clouds: NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5470	7.4	E	36	S	6	3	3	23	9	8	4	6	6	0

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.2	6.0	5.6	76	10	9	12	1	2	9

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	4, 9, 10, 11, 12, 15, 18, 24, 25, 31, 17	0	25	0	4	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.84	1.38	18-19	0			0			4	12	9	6	0	16	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.12, date 25"; 10 minutes 0.16, date 18"; 15 minutes 0.18, date 18"; 30 minutes 0.24, date 18"; 1 hour 0.33, date 18"; 2 hours 0.39, date 18".

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						None														

* The duration is the time precipitation was actually recorded.

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Prepared by CCS

F. M. Garrough, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1922.

Number of Station barometer, 636; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
19"	12 00 Noon	11 00 A.M.	67.0	28.599	.108	28.491	29.40	53.7	52.7	52	2	94	54.0	SW	23	24	W	.20	10	Nb	W	Lt. Rain	Called for by Chicago	CAS	19"
31"	12 00 Noon	11 00 A.M.	78.0	29.217	.139	29.078	29.99	80.0	63.5	53	27	40	80.0	SW	13			0	1/2	C. St / Cu	NW / W	Pt. Cloudy	Called for by Chicago	CAS	31"
								Extremes of Pressure— LOWEST.																	
19"	4 30 A.M.	3 30 A.M.				28.370	29.28	52.0																	19"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of May, 1922

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1					38	8	43	7	41	6	26	3							148	24
2							6	1	103	15	70	8							179	24
3	25	4	46	5	27	4					11	2	13	3	22	5	0	1	144	24
4			14	2	6	1	3	1	17	2	65	10	16	5	20	3			141	24
5									25	3	76	13	66	7	8	1			175	24
6									8	1	266	15	95	5	29	3			398	24
7	3	1											54	5	180	17	0	1	237	24
8	8	3			120	16	33	5											161	24
9			7	1	58	9	32	5	27	5	27	3			5	1			156	24
10			8	1	87	17	12	3	13	3									120	24
11			4	1	33	11	2	1	15	4	32	6	11	1					97	24
12			16	2	30	6	13	3			33	7			48	6			140	24
13					19	7							6	2	171	15			196	24
14	27	5	13	2	7	3							37	7	42	7			126	24
15	32	4	21	5	10	3	9	2	6	3			12	2	46	5			136	24
16							17	4	53	10	29	9					0	1	99	24
17	6	2	7	2	22	6	39	6	14	2	23	5			6	1			117	24
18			11	3	11	3	18	3	28	8	10	2	34	4	5	1			117	24
19											270	13	173	11					443	24
20											21	2	96	10	117	12			234	24
21	9	2			137	17									17	5			163	24
22			16	3	186	21													202	24
23			16	2	198	22													214	24
24			4	1	57	12	31	8	12	2	3	1							107	24
25	3	1			13	4	61	13	30	5			3	1					110	24
26			76	7	92	16	4	1											172	24
27			189	14	135	10													324	24
28			50	5	135	19													185	24
29			2	1	18	8	32	10	21	4	4	1							77	24
30							27	9	65	11	29	4							121	24
31	52	5							42	7	101	9			36	3			231	24
SUM.	165	27	500	57	1439	223	382	82	520	91	1096	113	616	63	752	85	0	3	5470	744
PERCENTAGE																			a	a
AVG. HOURLY VELOCITY		a		a		a		a		a		a		a		a		a	7.4	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of June, *1922.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, rooms 911-912 Shoaff Building first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	77.0	29.388	.138	29.250	30.12	53.1	50.9	49	87	.347	66.0	53.6	NE	13			0	9	ASt	NW	Cloudy		[illegible]	1
2	74.0	29.210	.129	29.081	30.00	55.8	51.0	47	72	.322	64.5	53.1	NE	10			0	8	AST	SE	Cloudy		[illegible]	2
3	73.5	29.146	.128	29.018	29.94	63.0	60.0	58	84	.482	69.0	57.3	SE	3			0	8	Cu	SE	Cloudy		[illegible]	3
4	74.0	29.276	.129	29.147	30.07	59.4	53.9	49	70	.347	70.4	52.0	NW	3			0	7	Cu	SE	Pt. Cloudy		[illegible]	4
5	76.0	29.275	.134	29.141	30.05	66.8	61.2	58	73	.482	76.0	59.1	NE	2			0	1	Cu	NE?	Clear		[illegible]	5
6	77.5	29.353	.138	29.215	30.14	66.0	58.3	54	63	.417	77.0	60.3	SW	5			0	3	Cu	W	Clear		[illegible]	6
7	80.0	29.395	.146	29.249	30.16	69.0	60.0	54	59	.417	81.0	63.8	SW	7			0	6	AST	S	Pt Cloudy		[illegible]	7
8	81.5	29.263	.149	29.114	30.02	70.6	66.8	65	82	.616	81.0	68.7	SW	9			0	8	AST	SW	Cloudy		[illegible]	8
9	81.5	29.187	.149	29.038	29.94	73.0	68.0	66	78	.638	76.4	68.0	SW	11			0	4	St	NW	Pt. Cloudy		[illegible]	9
10	83.0	29.108	.152	28.956	29.85	75.0	71.0	69	82	.707	82.9	66.1	SW	14	27	SW	.87	4	AST	NE	Pt. Cloudy		[illegible]	10
11	83.5	28.941	.153	28.788	29.68	77.0	72.0	70	79	.732	82.0	75.4	SW	16			0	8	StCu	W	Cloudy		[illegible]	11
12	82.0	29.216	.150	29.066	29.98	66.8	56.1	48	51	.334	77.0	61.9	N	6			0	Few	AST	o?	Clear		[illegible]	12
13	78.5	29.208	.141	29.067	29.99	58.0	52.5	48	69	.334	70.7	55.7	E	5			T	9	AST	o?	Cloudy		[illegible]	13
14	76.0	29.252	.134	29.118	30.04	65.0	61.0	59	80	.499	65.0	58.0	NE	2			0	0	0	0	Clear		[illegible]	14
15	79.0	29.328	.142	29.186	30.10	70.5	64.5	62	72	.555	79.0	63.3	NE	4			0	3	ACu	W	Clear		[illegible]	15
16	80.5	29.200	.146	29.054	29.96	70.0	66.0	64	81	.595	80.0	66.0	S	16			.07	2 7	a.cu. St cu.	NE SW	Cloudy		[illegible]	16
17	84.0	29.090	.155	28.935	29.83	76.0	66.8	62	62	.555	86.5	71.1	W	13			0	Few	Cu	W	Clear		[illegible]	17
18	81.5	29.300	.149	29.151	30.07	62.5	59.5	58	84	.482	69.0	61.0	E	7			0	10	StCu	NE	Cloudy		[illegible]	18
19	79.0	29.257	.142	29.115	30.04	65.0	60.8	59	79	.499	69.0	61.7	S	3			0	10	AST	W	Cloudy		[illegible]	19
20	77.0	29.240	.137	29.103	30.01	65.6	60.0	56	73	.448	72.8	58.7	NE	5			0	6	Ci St	NW	Pt. Cloudy		[illegible]	20
21	78.0	29.283	.140	29.143	30.05	68.0	62.3	59	73	.499	76.5	61.0	NW	5			0	2	Cu	N	Clear		[illegible]	21
22	78.0	29.410	.140	29.270	30.19	62.8	53.2	45	53	.298	74.0	53.6	NE	7			0	Few	Cu	NE	Clear		[illegible]	22
23	78.0	29.372	.140	29.232	30.15	67.0	56.0	48	50	.334	75.0	57.6	SW	8			0	Few	Cu	NE	Clear		[illegible]	23
24	81.0	29.372	.148	29.224	30.12	73.8	60.3	52	45	.387	86.0	65.3	SW	13			0	0	0	0	Clear		[illegible]	24
25	84.0	29.458	.157	29.301	30.22	63.6	57.5	54	72	.417	85.0	62.1	NE	12			0	0	0	0	Clear		[illegible]	25
26	80.0	29.415	.146	29.269	30.20	55.0	50.0	46	71	.310	69.0	54.0	E	11			0	9	AST	NW	Cloudy		[illegible]	26
27	76.5	29.128	.133	28.995	29.92	62.4	59.9	58	87	.482	66.9	59.0	E	2			.18	10 3	StCu AST	SW SW	Cloudy		[illegible]	27
28	76.0	29.159	.134	29.025	29.93	65.8	65.0	64	96	.595	75.6	63.1	E	3			0	7	Lt. Fog	E	Clear		[illegible]	28
29	76.0	29.208	.134	29.074	29.98	67.0	65.5	65	92	.616	68.5	64.6	W	5			T	10	St	W	Cloudy		[illegible]	29
30	78.5	29.200	.141	29.059	29.96	74.2	68.1	65	74	.616	82.0	67.0	E	5			0	2	ast.	NW	clear		[illegible]	30
31																								31
Sums		(a)	(a)	873.384	900.77	1987.1	1818.1	1711	2193	14362	(a)	(a)	(a)	223	(a)	(a)	1.12	149	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.113	30.026	66.2	60.6	57.0	73.1	.479	(a)	(a)	(c) NE SW	7.4	(a)	(a)	(a)	5.0	U ast. L cu.	U NW L NE & W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1922.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	76.0	29.314	.134	29.180	30.10	64.5	56.0	50	58	.360	68.2	53.1	NE	8			0	5	ASt	NW	Pt. Cloudy			[illegible]	1
2	74.0	29.112	.128	28.984	29.90	69.0	62.0	58	68	.482	70.9	55.8	NE	4			0	1	ASt	W	Clear			[illegible]	2
3	76.0	29.156	.134	29.022	29.97	70.4	59.4	52	52	.387	77.4	63.0	NW	5			0	3	Cu	NW	Clear			[illegible]	3
4	77.0	29.233	.137	29.096	30.01	76.0	62.0	53	45	.402	78.4	59.7	NE	4			0	3	Cu	SE	Clear			[illegible]	4
5	77.0	29.256	.137	29.119	30.03	77.0	61.8	52	42	.387	83.0	66.8	W	4			0	3 2	ASt St	W W	Pt. Cloudy			[illegible]	5
6	82.0	29.316	.150	29.166	30.08	81.0	62.0	49	33	.347	85.0	66.0	SW	6			0	2	ASt	W	Clear			[illegible]	6
7	82.0	29.288	.150	29.138	30.05	81.0	65.3	57	43	.460	87.4	69.6	S	5			0	8 2	ASt St	SW S	Cloudy			[illegible]	7
8	82.5	29.192	.151	29.041	29.94	76.4	70.1	67	73	.661	83.0	70.6	SW	12			0	6 2	ASt Cu	W SW	Cloudy			[illegible]	8
9	85.5	29.074	.158	28.916	29.81	82.9	69.9	64	52	.595	87.2	73.0	SW	9			0	5 2	ASt StCu	W SW	Pt. Cloudy			[illegible]	9
10	85.5	28.972	.158	28.814	29.70	82.0	70.3	65	56	.616	87.2	75.0	SW	16	25	SW	0	7	Cu	W	Pt. Cloudy			[illegible]	10
11	84.5	29.015	.155	28.860	29.76	77.0	63.0	54	46	.417	84.0	77.0	NW	13	25	W	0	1	Cu	NW	Clear			[illegible]	11
12	80.5	29.268	.146	29.122	30.03	70.7	56.7	46	41	.310	77.6	66.8	N	8			0	1	CiSt	NW	Clear			[illegible]	12
13	77.5	29.136	.138	28.998	29.92	64.7	61.8	60	85	.517	71.0	58.0	E	7			.04	1	StCu	W	Clear			[illegible]	13
14	79.5	29.260	.144	29.116	30.03	79.0	68.0	62	57	.555	85.0	65.0	N	5			0	0	0	0	Clear			[illegible]	14
15	82.0	29.251	.150	29.101	30.01	80.0	65.8	58	46	.482	85.6	70.5	E	7			0	2 2	ACu Cu	W E	Pt. Cloudy			[illegible]	15
16	86.5	29.062	.161	28.901	29.79	86.5	74.5	70	57	.732	91.6	70.0	SW	12			.01	1	StCu	SW	Clear			[illegible]	16
17	83.5	29.229	.154	29.075	29.99	69.0	62.0	58	68	.482	80.0	69.0	NW	16	27	NW	0	1	St	NW	Clear			[illegible]	17
18	80.0	29.242	.145	29.097	30.02	69.0	61.8	58	67	.482	72.0	62.5	E	3			0	9	StCu	E	Cloudy			[illegible]	18
19	78.0	29.216	.139	29.077	29.99	72.8	63.9	59	61	.499	75.0	65.0	NE	3			0	8	Cu	NE	Cloudy			[illegible]	19
20	79.0	29.224	.142	29.082	29.99	76.5	64.0	56	50	.448	79.0	65.6	NE	3			0	1	St	NE	Clear			[illegible]	20
21	80.0	29.300	.145	29.155	30.07	74.0	60.0	50	44	.360	79.8	68.0	N	9			0	1	ASt	NW	Clear			[illegible]	21
22	79.5	29.304	.144	29.160	30.08	75.0	59.8	49	40	.347	78.0	62.8	N	5			0	2	CiSt	NW	Clear			[illegible]	22
23	83.0	29.300	.153	29.147	30.06	86.0	63.4	48	27	.334	89.4	67.0	SW	5			0	0	0	0	Clear			[illegible]	23
24	86.0	29.296	.161	29.135	30.04	85.0	72.0	66	54	.638	95.0	73.8	W	5			T	4	Cu	W	Pt. Cloudy			[illegible]	24
25	84.0	29.431	.157	29.274	30.20	69.0	54.2	61	78	.536	75.8	63.0	N	8			0	4	CiSt	NW	Pt. Cloudy			[illegible]	25
26	76.5	29.241	.135	29.106	30.03	66.9	57.9	52	58	.387	68.8	55.0	E	5			T	8	StCu	E	Cloudy			[illegible]	26
27	77.5	29.058	.137	28.921	29.83	75.6	71.0	69	80	.707	78.4	62.4	SW	6			.09	3 1	CiSt StCu	SW SW	Pt. Cloudy			[illegible]	27
28	77.0	29.132	.137	28.995	29.92	68.5	67.0	66	93	.638	82.0	65.8	SE	4			.16	8 2	ASt StCu	SW SE	Cloudy	B-DN A E & 62a		[illegible]	28
29	80.0	29.193	.145	29.048	29.96	82.0	67.1	59	46	.499	84.0	67.0	NW	4			0	Few Few	Ci Cu	NW NW	Clear			[illegible]	29
30	80.5	29.108	.145	28.963	29.86	73.8	70.0	68	83	.684	85.0	68.8	S	4	26	W	.43	9	StCu	SW	Cloudy			[illegible]	30
31																									31
Sums		(a)	(a)	871.809	899.14	2261	2192	1736	1703	14.756	(a)	(a)	(a)	207	(a)	(a)	0.73	122	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.060	29.971	75.4	64.1	57.9	56.8	.492	(a)	(a)	(c) SW	6.9	(a)	(a)	(a)	4.1	U a St L Cu	U W NW L S W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1922

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Thursday 1	68	53	15	10	60																0				0	0	0	0	1
2	71	53	18	2	62																0				0	0	0	0	2
3	77	57	20	5	67																0				0	0	0	0	3
4	78	52	26	2	65																0				0	0	0	0	4
5	83	59	24	6	71																0				0	0	0	0	5
6	86	60	25	1	72																0				0	0	0	0	6
7	87	67	23	4	76																0				0	0	0	0	7
8	83	69	14	0	76																0				0	0	0	0	8
9	87	66	21	0	76				R	8:50p	10:40p										.83				0	0	0	0	9
10	87	69	18	2	78				R	12:45a	1:50a										.04				0	0	0	0	10
11	84	68	16	2	76																0				0	0	0	0	11
12	78	60	18	7	69																0				0	0	0	0	12
13	71	56	15	5	64				R	6:00a	6:15a	R	10:45a	11:02a							.04				0	0	0	0	13
14	85	58	27	8	72																0				0	0	0	0	14
15	86	63	23	2	74																0				0	0	0	0	15
16	92	66	26	5	79				R	3:35a	5:20a	R	2:22p	3:13p							.08				0	0	0	0	16
17	80	64	16	7	72																0				0	0	0	0	17
18	72	61	11	6	66																0				0	0	0	0	18
19	75	62	13	2	68																0				0	0	0	0	19
20	79	59	20	1	69																0				0	0	0	0	20
21	80	60	20	1	70																0				0	0	0	0	21
22	78	54	24	4	66																0				0	0	0	0	22
23	89	58	31	8	74																0				0	0	0	0	23
24	95	65	30	6	80				R	4:45p	5:05p										T				0	0	0	0	24
25	76	57	19	14	66																0				0	0	0	0	25
26	69	54	15	4	62				R	3:17p	4:10p	R	10:30p	Cont'd							T				0	0	0	0	26
27	78	59	19	6	68				R	Cont'd	5:40a	R	6:58a	7:36a	R	10:53a	12:19p				.27				0	0	0	0	27
28	82	63	19	4	72				R	11:25a	11:38a	R	1:25p	3:10p	R	4:20p	5:45p				.16				0	0	0	0	28
29	84	65	19	2	74				R	DNA	DNA										T				0	0	0	0	29
30	85	67	18	2	76				R	2:00p	2:35p	R	4:19p	4:21p	R	4:21p	4:22p	R	4:22p	4:50p	.45				T	0	0	0	30
31																													31
S	2424	1821	603	128	2120		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.85		Total excess or deficiency since January 1,		T	0	(a)	(a)	(a)
M	80.8	60.7	20.1	4.3	70.7	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF June, 1922.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.113	29.060	29.086	29.310	25	28.788	11	0.522	30.026	29.971	29.998	30.24	25	29.68	11	0.56
Corrected mean		29.082						Corrected mean		29.994					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
66.2	75.4	70.8	60.6	64.1	62.4	80.8	60.7	70.8	95	24	52	4	43	31	23	11	18

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)
57.0	57.9	57.4	73.1	56.8	65.0	.479	.492	.486

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	2	0	0

Clouds.

Most frequent clouds Cu.

Most frequent direction upper clouds NW

Most frequent direction lower clouds W

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5558	7.7	SW	27	SW	9	6	13	10	2	4	15	4	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.0	4.1	5.0	77	8	16	6	0	5	2

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	9, 10, 16, 24, 27, 28, 30	0	1	1	28	0	0	0	0	0	30	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.85	0.87	9-10	0			0			3	7	7	3	0	10	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.26, date 9"; 10 minutes 0.47, date 9"; 15 minutes 0.46, date 9;

30 minutes 0.70, date 9; 1 hour 0.87, date 9; 2 hours 0.87, date 9.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
9	8:50 pm	10:40 pm	.83	9:35 pm	10:03 p	.12	.23	.42	.43	.55	.62	.70								

* The duration is the time precipitation was actually recorded.

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Prepared by CDS

P. M. Dorough Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extremes of Pressure.																	
25th	10:00 am	9:00 am				29.310	30.24	67.0																	25

If additional space is required, rule a sheet similar to this, and paste to this margin.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *192*

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* ..... *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	27	3	207	18	20	3													254	24
2			193	19	9	2	5	3											207	24
3	57	10					15	7							49	7			121	24
4	15	6	40	8	29	7					2	1			7	2			93	24
5			22	8							63	8	31	8					116	24
6											73	15	69	9					142	24
7							9	2	46	7	92	15							147	24
8											216	22	23	2					239	24
9									11	1	299	23							310	24
10					5	1	8	2	15	2	254	15	59	4					341	24
11											147	8	114	8	128	8			389	24
12	54	10											19	2	124	12			197	24
13	6	2	37	5	57	9	8	2	50	5	14	1							172	24
14	38	6	45	13									7	1	24	4			114	24
15			23	8	80	10	31	6											134	24
16					9	2	4	1	58	6	190	15							261	24
17	35	5									30	4	113	8	127	7			305	24
18	29	7	65	10	14	4	3	1	5	2									116	24
19	9	2	33	8	33	7			20	7									95	24
20	4	2	144	20	7	2													155	24
21	106	12	65	6							3	1			30	5			204	24
22	101	18	33	6															134	24
23									14	2	125	15	10	1	9	5	0	1	158	24
24	34	4									213	16	9	2	18	2			274	24
25	131	15	53	5	13	1							5	1	9	2			211	24
26					176	24													176	24
27					28	8	6	2	13	4	58	10							105	24
28	3	1	11	2	20	6	15	5	28	6	13	2	6	1	4	1			100	24
29	3	1									30	5	33	8	45	10			111	24
30	9	2			16	5	8	1	70	9	71	6			3	1			177	24
31																				
SUM.	661	106	971	136	516	91	112	32	330	51	1893	182	498	55	577	66	0	1	5558	720
PERCENTAGE																			a	a
AVG. HOURLY VELOCITY		a		a		a		a		a		a		a		a		a	7.7	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, *1922.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun streets, rooms 911-912, Shoaff Building; first observation taken in present office, 7:00 a.m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 2:12 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	79.5	29.146	.143	29.003	29.91	70.2	69.7	69	98	.707	73.8	69.0	W	9			.30	10	Nb	W	Lt. Rain		P.McD.	1
2	81.5	29.194	.149	29.045	29.95	71.4	68.4	67	86	.661	81.2	70.6	N	5			T	10	St	N	Cloudy		P.McD.	2
3	80.0	29.213	.145	29.068	29.99	63.7	60.0	58	81	.482	71.0	63.2	N	14			T	8 2	ASt St.	W N	Cloudy		P.McD.	3
4	76.0	29.452	.135	29.317	30.25	56.0	49.4	44	63	.287	67.8	52.3	N	7			0	0	0	0	Clear		P.McD.	4
5	75.5	29.460	.134	29.326	30.26	60.2	52.7	46	61	.310	69.0	50.8	SE	2			0	Few	Ci St	NW	Clear		P.McD.	5
6	75.5	29.302	.133	29.169	30.09	62.6	55.6	51	65	.373	74.0	58.6	SW	9			0	1	A St	NW	Clear		P.McD.	6
7	78.0	29.017	.138	28.879	29.78	67.5	62.0	58	74	.482	79.8	63.7	S	16			0	8	A St	W	Cloudy		P.McD.	7
8	76.5	29.202	.135	29.067	29.98	64.2	61.1	59	84	.499	70.8	59.0	N	4			0	1	Cu	N	Clear		P.McD.	8
9	79.5	29.300	.138	29.162	30.07	69.9	62.2	58	73	.482	78.0	60.0	S	7			0	2	A St	W	Clear		P.McD.	9
10	81.0	29.134	.147	28.987	29.88	76.1	72.4	71	84	.757	86.4	53.4	S	16			0	8	A St	W	Cloudy		P.McD.	10
11	81.0	29.164	.147	29.017	29.82	70.0	68.5	68	93	.684	72.4	66.9	S	2			1.14	6 2	ASt St	W S	Cloudy		P.McD.	11
12	81.0	29.260	.148	29.112	30.02	74.0	71.6	70	89	.732	76.8	70.2	S	9			T	5	Cu	S	Pt. Cloudy		P.McD.	12
13	80.0	29.529	.146	29.383	30.31	61.0	60.0	59	94	.499	72.0	58.0	NE	8			0	10	St Cu	NE	Cloudy		P.McD.	13
14	79.5	29.498	.145	29.353	30.27	64.2	61.2	59	85	.499	74.0	58.9	NE	5			0	0	0	0	Clear		P.McD.	14
15	79.0	29.340	.142	29.198	30.12	66.3	62.8	61	87	.536	77.0	59.2	E	3			0	0	0	0	Clear		P.McD.	15
16	80.0	29.332	.145	29.187	30.10	68.8	63.8	61	77	.536	79.0	64.8	SW	9			0	4	A St	W	Pt. Cloudy		P.McD.	16
17	81.0	29.292	.148	29.144	30.05	75.0	72.6	71	89	.757	75.0	70.2	SW	13			T	5 4	A St St Cu	W SW	Cloudy		P.McD.	17
18	82.0	29.264	.150	29.114	30.02	70.0	68.0	67	90	.661	80.1	69.0	NW	7			0	8	Cu	NW	Cloudy		P.McD.	18
19	80.0	29.338	.145	29.193	30.11	64.0	60.0	58	79	.482	74.2	58.8	N	7			0	0	0	0	Clear		P.McD.	19
20	78.5	29.332	.141	29.191	30.11	64.6	60.1	58	78	.482	75.0	58.6	E	3			0	1	Cu	E	Clear		P.McD.	20
21	79.0	29.320	.142	29.178	30.09	68.4	60.4	55	63	.432	77.0	64.6	S	3			0	5 1	A Cu Cu	NW S	Pt. Cloudy		P.McD.	21
22	81.0	29.290	.148	29.142	30.05	69.7	65.2	63	79	.575	80.0	66.2	SW	8			0	3	A St	W	Clear		P.McD.	22
23	82.5	29.060	.150	28.910	29.80	73.4	70.2	69	85	.707	82.0	66.9	W	10			.41	10	St Cu	W	Cloudy		P.McD.	23
24	82.0	29.252	.150	29.102	30.01	67.8	66.3	66	93	.638	79.0	64.7	NW	7			0	10	A St	W	Cloudy		P.McD.	24
25	80.0	29.400	.146	29.254	30.17	63.5	60.0	58	82	.482	77.0	60.4	NE	8			0	1	A St	NW	Clear		P.McD.	25
26	79.5	29.366	.144	29.222	30.14	66.0	61.4	59	78	.499	79.0	62.0	E	4			0	8	Cu	E	Cloudy		P.McD.	26
27	81.0	29.270	.148	29.122	30.03	72.8	68.1	66	79	.638	79.0	68.0	SW	2			.06	4	Cu	SW	Pt. Cloudy		P.McD.	27
28	82.5	29.308	.152	29.156	30.07	72.6	67.1	65	76	.616	81.8	71.0	NW	2			T	9	St Cu	NW	Cloudy		P.McD.	28
29	81.5	29.314	.149	29.165	30.08	65.4	60.4	57	75	.465	74.4	62.9	N	5			0	8	St Cu	N	Cloudy		P.McD.	29
30	80.0	29.320	.145	29.175	30.10	67.7	62.3	59	74	.499	72.0	64.0	SW	1			.01	9	St. Cu.	SW	Cloudy		P.McD.	30
31	79.5	29.256	.144	29.112	30.02	65.2	64.2	63	95	.575	73.8	63.5	W	7			T	10	St Cu	W	Cloudy		P.McD.	31
Sums		(a)	(a)	903.453	931.76	2089.2	1967	1893	2509	17034	(a)	(a)	(a)	219	(a)	(a)	1.92	173	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.144	30.057	67.4	63.5	61.1	80.9	.549	(a)	(a)	(c) SW	7.1	(a)	(a)	(a)	5.6	U A. St. L Cu St Cu	U W L N	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1922.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:12 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	82.0	29.098	.149	28.949	29.85	81.2	73.0	70	68	.732	86.0	70.2	SW	10			.04	3 3	C.St Cu	NW SW	Pt. Cloudy			CCS	1
2	81.5	29.144	.149	28.995	29.91	71.0	68.0	67	86	.661	80.0	71.0	E	9			T	10	St.Cu	NE	Cloudy			P.McD.	2
3	78.0	29.294	.140	29.154	30.07	67.8	56.0	47	48	.322	71.2	63.7	N	7			0	6 2	C.St Cu	W N	Cloudy			CCS	3
4	78.0	29.423	.141	29.282	30.21	69.0	34.6	42	38	.266	71.6	56.0	E	6			0	0	0	0	Clear			P.McD.	4
5	77.0	29.324	.137	29.187	30.11	74.0	54.0	35	24	.203	76.6	60.2	S	3			0	1	C.St	NW	Clear			CCS	5
6	79.0	29.132	.142	28.990	29.90	79.8	62.0	50	36	.360	84.0	62.6	S	8			0	8	A.St	W	Cloudy			CCS	6
7	78.0	29.067	.138	28.929	29.84	70.8	65.0	62	74	.555	80.2	66.7	N	4	30	S	.28	7	St.Cu	NW	Pt. Cloudy			CCS	7
8	79.0	29.224	.142	29.082	29.99	78.0	63.5	55	45	.432	79.2	64.2	W	3			0	2	A.St	NW	Clear			CCS	8
9	81.5	29.130	.149	28.981	29.88	86.4	74.4	69	57	.707	89.0	67.9	S	10			0	4 2	A.St Cu	W S	Pt. Cloudy			P.McD.	9
10	82.0	29.185	.150	29.035	29.94	72.0	71.0	71	95	.757	89.6	63.2	S	7	55	SW	.77	9	A.St	SW	Cloudy			[illegible]	10
11	81.5	29.243	.149	29.094	30.00	76.8	70.8	68	75	.684	82.3	70.0	N	6	28	SW	T	9	Cu.	W	Cloudy			CCS	11
12	81.0	29.332	.148	29.184	30.09	72.0	67.0	65	78	.616	83.4	72.0	NW	18	32	SW	.01	8	A.St	W	Cloudy			CCS	12
13	79.5	29.476	.145	29.331	30.25	74.0	65.0	60	62	.517	76.0	61.0	NE	4			0	4	Cu	NE	Pt. Cloudy			CCS	13
14	79.5	29.342	.144	29.198	30.12	77.0	63.0	54	46	.417	78.2	64.2	E	3			0	2	Cu	NE	Clear			CCS	14
15	81.5	29.262	.149	29.113	30.02	79.0	66.5	60	52	.517	83.7	65.3	SE	5			0	2	A.St	NW	Clear			CCS	15
16	82.0	29.282	.150	29.132	30.04	72.0	69.0	68	86	.684	89.0	65.4	S	6	36	W	.27	4 4	A.St Cu	W SW	Cloudy			P.McD.	16
17	83.0	29.241	.152	29.089	29.99	80.1	71.2	67	64	.661	88.0	75.0	W	11	31	SW	0	9	Cu	W	Cloudy			CCS	17
18	82.0	29.272	.150	29.122	30.03	74.2	59.2	48	40	.334	78.2	70.0	NW	6			0	Few	Cu	NW	Clear			CCS	18
19	79.5	29.279	.144	29.135	30.05	75.0	63.0	56	51	.448	78.7	64.0	N	2			0	6	Cu	NW	Pt. Cloudy			CCS	19
20	80.0	29.258	.145	29.113	30.02	77.0	62.0	52	42	.387	81.2	64.6	E	4			0	5	Cu	NE	Pt. Cloudy			CCS	20
21	82.0	29.260	.150	29.110	30.02	80.0	66.8	60	50	.557	85.0	68.4	SW	5			0	3	Cu	NW	Clear			[illegible]	21
22	82.0	29.130	.150	28.980	29.88	82.0	67.0	59	46	.499	85.0	69.7	SW	8			T	8	A.St	NW	Cloudy			CCS	22
23	84.0	29.112	.155	28.957	29.86	79.0	67.8	62	56	.555	86.0	73.4	W	8			0	5 1	A.St Cu	W NW	Pt. Cloudy			[illegible]	23
24	81.0	29.271	.148	29.123	30.03	77.0	67.8	64	62	.595	81.0	67.8	NE	6			0	3	Cu	N	Clear			[illegible]	24
25	81.0	29.324	.148	29.176	30.10	79.0	64.0	55	44	.432	81.4	63.5	E	2			0	4 1	C.St Cu	W E	Pt. Cloudy			CCS	25
26	81.0	29.279	.148	29.131	30.04	79.0	67.9	62	57	.535	86.2	66.0	E	8			0	2 4	A.Cu Cu	W NW	Pt. Cloudy			CCS	26
27	84.0	29.266	.156	29.110	30.02	81.8	68.0	61	49	.536	86.2	72.8	W	4			0	4	C.St	NW	Pt. Cloudy			CCS	27
28	83.5	29.298	.154	29.144	30.05	74.4	60.5	51	44	.373	85.0	72.6	NW	9			0	6	A.St	NW	Pt. Cloudy			CCS	28
29	80.0	29.338	.145	29.193	30.11	72.0	62.0	56	57	.448	76.2	65.4	SW	5			T	8	A.St	NW	Cloudy			CCS	29
30	80.0	29.224	.145	29.079	29.99	73.8	67.3	64	72	.595	75.6	67.5	SW	6			0	2 2	A.St St	W SW	Pt. Cloudy			P.McD.	30
31	80.0	29.180	.145	29.035	29.95	76.8	64.3	57	51	.465	84.0	59.8	NW	12			.79	3	A.St	NW	Clear			P.McD.	31
Sums	(a)	(a)	(a)	902.133	930.36	2361.9	2021.6	1817	1755	1583.0	(a)	(a)	(a)	206	(a)	(a)	2.16	166	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	29.101	30.012	76.2	65.2	58.6	56.6	.511	(a)	(a)	(c) E	6.6	(a)	(a)	(a)	5.4	U A.St, C.U L Cu	W & NW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

8—1M

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1922

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Saturday 1	86	69	17	2	78				R	DNA	8:05a	R	2:00p	2:15p							.34				0	0	0	0	1
2	80	69	11	4	74				R	6:20a	6:22a	R	6:58a	7:18a	R	1:45p	1:55p	R	5:00p	5:20p	T				0	0	0	0	2
3	79	57	14	10	64				R	6:25p	6:35p	R	8:40p	8:55p							0				0	0	0	0	3
4	72	52	20	2	62																0				0	0	0	0	4
5	77	51	26	2	64																0				0	0	0	0	5
6	84	58	26	7	71																0				0	0	0	0	6
7	80	63	17	1	72				R	10:59a	12:10p	R	12:40p	4:45p							.28				0	0	0	0	7
8	79	59	20	3	69																0				0	0	0	0	8
9	89	60	29	5	74																0				0	0	0	0	9
10	90	65	25	4	78				R	2:48p	5:40p	R	11:00p	Cont'd							.81				0	0	0		10
11	82	67	15	4	74				R	Cont'd	12:10a	R	12:30a	6:00a	R	5:40p	5:41p				1.10				0	0	0	0	11
12	83	63	20	1	73				R	DNA	DNA	R	1:15p	1:45p							.01				0	0	0	0	12
13	76	58	18	6	67																0				0	0	0	0	13
14	78	59	19	1	68																0				0	0	0	0	14
15	84	59	25	4	72																0				0	0	0	0	15
16	89	65	24	5	77				R	4:00p	5:45p	R	8:06p	8:30p							.27				0	0	0	0	16
17	88	70	18	2	79																0				0	0	0	0	17
18	79	62	17	9	70																0				0	0	0	0	18
19	79	59	20	1	69																0				0	0	0	0	19
20	81	60	21	1	70																0				0	0	0	0	20
21	85	65	20	5	75																0				0	0	0	0	21
22	85	66	19	1	76				R	5:36p	5:40p										T				0	0	0	0	22
23	86	67	19	0	76				R	12:30a	2:05a										.41				0	0	0	0	23
24	81	65	16	3	73																0				0	0	0	0	24
25	81	60	21	3	70																0				0	0	0	0	25
26	86	62	24	4	74																0				0	0	0	0	26
27	86	68	18	3	77				R	DNA	DNA	R	4:45a	5:20a							.06				0	0	0	0	27
28	85	65	20	2	75				R	DNA	DNA										T				0	0	0	0	28
29	76	63	13	5	70				R	10:30a	11:25a										T				0	0	0	0	29
30	76	64	12	0	70				R	DNA	DNA										.01				0	0	0	0	30
31	84	60	24	2	72				R	DNA	DNA	R	6:45a	7:30a	R	8:02a	8:20a				.79				0	0	0	0	31
S	2538	1930	608	102	2233		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.08		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	81.9	62.3	19.6	3.3	72.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF July, 1922.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.003.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.144	29.101	29.122	29.400	13	28.860	7	0.540	30.057	30.012	30.034	30.33	13	29.77	7	0.56
Corrected mean		29.119						Corrected mean		30.031					

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
67.4	76.2	71.8	63.5	65.2	64.4	81.9	62.3	72.1	90	10	51	5	39	29	9	11	2

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
61.1	58.6	59.8	80.9	56.6	68.8	.549	.511	.530	0	0	0	0

Clouds.
Most frequent clouds Cu.
Most frequent direction upper clouds W
Most frequent direction lower clouds NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5879	7.9	SW	55	SW	10	11	5	9	2	11	11	6	7	0

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.6	5.4	5.4	64	8	15	8	0	7	3

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	1, 10, 11, 16, 23, 31	10	3, 10,	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.08	1.91	10-11	0			0			4	10	8	7	1	14	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.27, date 31"; 10 minutes 0.53, date 31"; 15 minutes 0.60, date 31";
30 minutes 0.63, date 31"; 1 hour 0.80, date 11"; 2 hours 0.81, date 11"

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
11"	12:50 a.m.	6:00 am	1.09 ~~1.10~~	4:51 am	5:40 a.m ~~5:42 am~~	0.29	.08	.21	.25	.37	.51	.58	.59	.62	.70	.79	~~.80~~			
31	6:45 am	7:30 am	0.64	6:59 am	7:14 am	0.01	.24	.53	.60											

* The duration is the time precipitation was actually recorded.

8—154

Prepared by CCS

P. M. Donovan, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extremes of Pressure																	
13°	12 Noon 00	11 a.m. 00				29.400	30.33	71.0																	13°
7°	9 a.m. 00	8 a.m. 00				28.860	29.77	76.0																	7°

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											203	19	38	5					241	24
2	11	3			33	7			18	3	41	4			23	7			126	24
3	212	22													17	2			229	24
4	65	10	64	8	14	3	13	3											156	24
5					21	6	25	6	44	11	7	1							97	24
6									91	11	157	13							248	24
7	17	6							63	5	160	9	16	1	26	3			282	24
8	26	8	9	2	6	2					40	5	34	6			0	1	115	24
9	4	1			14	3	6	2	228	18									252	24
10									92	9	285	15							377	24
11	3	1	7	2	5	2			39	4	147	10	52	4	7	1			260	24
12							6	1	53	5	121	8	15	1	103	9			298	24
13	19	3	130	18											16	3			165	24
14			72	14	42	8	11	2											125	24
15			3	1	28	7	24	8	12	3	32	5							99	24
16					12	1			56	10	154	13							222	24
17									8	1	247	16	21	2	27	5			303	24
18													8	2	208	22			216	24
19	48	13	33	7	5	1									14	3			100	24
20			32	7	46	14	13	2	3	1									94	24
21									65	13	78	11							143	24
22									78	7	173	17							251	24
23									19	2	49	5	61	5	127	12			256	24
24	34	5	43	6	11	2									68	11			156	24
25			87	14	44	10													131	24
26			18	3	64	15	10	2	8	2	9	2							109	24
27	7	1	4	1	9	4					11	3	7	2	90	13			128	24
28	7	1									5	1	22	4	152	18			186	24
29	41	9	4	1							56	7	13	4	13	3			127	24
30	3	1									128	22	3	1					134	24
31											129	12	11	2	113	10			253	24
SUM.	497	84	506	84	354	85	108	26	877	105	2232	198	301	39	1004	122	0	1	5879	744
PERCENTAGE	8	11	9	11	6	12	2	4	15	14	38	27	5	5	17	16	0	0	a	a
AVG. HOURLY VELOCITY	5.9	a	6.0	a	4.2	a	4.2	a	8.4	a	11.3	a	7.7	a	8.2	a		a	7.9	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of August, 1922.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun streets, rooms 911-912 Shoaff Building, first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—152

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1922.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	78.5	29.243	.141	29.102	30.01	66.3	63.1	61	84	.536	76.8	63.1	NW	12			0	3	St	NW	Clear		[illegible]	1
2	79.0	29.223	.142	29.081	29.99	67.0	63.8	62	84	.555	76.4	61.5	NW	4			0	5	Ci St	SW	Pt. Cloudy		[illegible]	2
3	80.0	29.175	.145	29.030	29.93	66.1	62.9	61	84	.536	79.0	61.2	N	3			0	0	0	0	Clear		[illegible]	3
4	80.0	29.182	.145	29.037	29.95	65.7	62.2	60	83	.517	70.0	61.5	N	5			0	Few	Cu	NW	Clear		[illegible]	4
5	80.5	29.327	.146	29.181	30.10	64.0	60.7	58	83	.482	78.0	60.3	NE	4			0	0	0	0	Clear		[illegible]	5
6	80.0	29.236	.145	29.091	30.00	71.0	61.0	55	56	.432	79.0	65.0	SW	8			0	0	0	0	Clear		[illegible]	6
7	79.5	28.952	.142	28.810	29.70	71.8	69.0	68	88	.684	73.3	69.0	SW	13			T	7	St Cu	SW	Pt. Cloudy		[illegible]	7
8	80.0	29.150	.145	29.005	29.91	62.0	57.3	55	76	.432	75.0	57.0	N	11			.43	4	A Cu	NW	Pt. Cloudy		[illegible]	8
9	76.0	29.330	.134	29.196	30.12	57.0	53.2	50	78	.360	68.0	55.0	E	5			0	8	Cu	E	Cloudy		[illegible]	9
10	75.0	29.421	.133	29.288	30.22	61.4	56.6	53	75	.402	70.8	54.0	0	0			0	0	0	0	Clear		[illegible]	10
11	75.0	29.480	.133	29.347	30.27	61.0	55.5	52	71	.387	74.0	55.0	E	4			0	2	Cu	E	Clear		[illegible]	11
12	76.0	29.423	.135	29.288	30.21	62.8	59.8	58	84	.482	74.1	60.0	E	4			0	8 1	A Cu St Cu	W E	Cloudy		[illegible]	12
13	78.0	29.443	.141	29.302	30.22	66.0	61.3	59	77	.499	79.0	61.9	E	4			0	0	0	0	Clear		[illegible]	13
14	80.0	29.511	.146	29.365	30.28	68.0	63.6	61	79	.536	82.0	63.0	E	1			0	3	Cu	E	Clear		[illegible]	14
15	81.5	29.467	.150	29.317	30.24	69.3	63.3	60	72	.517	83.1	63.9	E	1			0	1	Cu	SE	Clear		[illegible]	15
16	83.5	29.375	.155	29.220	30.13	69.9	63.2	60	69	.517	85.0	66.1	NW	4			0	4	Cu	NW	Pt. Cloudy		[illegible]	16
17	86.0	29.287	.161	29.126	30.03	74.6	69.6	65	70	.616	84.0	69.9	N	1			0	0	0	0	Clear		[illegible]	17
18	87.0	29.160	.163	28.997	29.89	70.0	69.2	66	75	.638	84.9	71.1	SW	10			0	4	A St	NW	Pt. Cloudy		[illegible]	18
19	84.0	29.272	.156	29.116	30.03	66.3	61.3	58	76	.482	79.8	60.7	NE	9			0	1	A Cu	NW	Clear		[illegible]	19
20	87.0	29.408	.164	29.244	30.16	62.3	57.6	55	76	.432	76.3	59.0	E	7			.02	9	Cu	W	Cloudy		[illegible]	20
21	79.0	29.339	.142	29.197	30.12	61.8	52.3	44	53	.287	69.4	56.1	SE	9			0	8	Cu	N	Cloudy		[illegible]	21
22	79.0	29.195	.137	29.058	29.97	68.0	63.0	60	76	.517	74.0	66.2	S	13			T	10	A St	W	Cloudy		[illegible]	22
23	80.5	29.180	.146	29.034	29.93	71.4	68.8	67	88	.661	81.4	70.9	S	8			.04	10	St Cu	SW	Cloudy		[illegible]	23
24	79.0	29.082	.141	28.941	29.85	72.0	70.6	70	93	.732	72.0	70.3	N	3			.05	10	St	NE	Cloudy		[illegible]	24
25	78.5	28.894	.139	28.755	29.65	75.0	69.0	66	74	.638	79.4	66.7	SW	11			.28	8	A St	NW	Cloudy		[illegible]	25
26	77.0	29.183	.137	29.046	29.97	59.0	55.0	52	78	.387	72.0	54.2	NW	3			0	1	Cu	NW	Clear		[illegible]	26
27	74.0	29.297	.129	29.168	30.09	58.0	54.5	52	80	.387	65.9	52.6	NW	4			0	0	0	0	Clear		[illegible]	27
28	74.5	29.353	.130	29.223	30.14	60.8	56.0	52	75	.387	70.3	56.1	S	5			0	3	A Cu	NW	Clear		[illegible]	28
29	76.0	29.265	.134	29.131	30.04	64.6	61.0	59	82	.499	74.4	63.7	SE	2			.04	10	A St	W	Cloudy		[illegible]	29
30	75.0	29.317	.132	29.185	30.10	61.7	59.8	59	92	.499	72.0	60.6	NE	8			0	10	St.	NE	Cloudy		C.O.S.	30
31	76.0	29.315	.134	29.181	30.10	63.2	60.0	58	83	.482	73.8	61.0	E	4			0	3	Ci St	NW	Clear		[illegible]	31
Sums		(a)	(a)	903.062	931.35	2042.5	1902.2	1816	2414	15.378	(a)	(a)	(a)	178	(a)	(a)	0.86	133	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.131	30.044	65.9	61.4	58.6	77.9	.501	(a)	(a)	(c) E	5.7	(a)	(a)	(a)	4.3	U Cu. & St. L Cu.	U NW L E & NW (a)			(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1922,

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	81.0	29.196	.147	29.049	29.96	76.4	63.9	56	50	.448	82.0	66.3	NW	8			0	6	AST	W	Pt. Cloudy			C.M.W.	1
2	81.0	29.136	.147	28.989	29.89	79.0	66.4	60	52	.517	85.9	67.0	NW	10			T	2 1	AST Cu	NW NW	Clear			C.M.W.	2
3	81.0	29.138	.147	28.991	29.90	70.0	63.5	60	70	.517	83.8	66.1	E	5			0	3	AST	W	Clear			C.M.W.	3
4	81.5	29.194	.149	29.045	29.95	78.0	65.0	58	50	.482	83.2	65.7	N	4			0	1	ACu	SW	Clear			C.M.W.	4
5	81.5	29.277	.149	29.128	30.04	79.0	65.0	57	47	.465	84.1	64.0	S	4			0	7	AST	NW	Pt. Cloudy			C.O.S.	5
6	81.0	29.043	.146	28.897	29.81	73.3	67.0	64	72	.595	87.0	71.0	SW	15			.01	8	BrCu	W	Cloudy			C.O.S.	6
7	82.0	28.934	.149	28.785	29.67	75.0	65.0	60	59	.517	86.8	71.8	NW	8	26	SW	0	6	AST	W	Pt. Cloudy			C.O.S.	7
8	77.0	29.177	.137	29.040	29.96	68.0	58.0	51	55	.373	72.0	62.0	E	5			0	9	StCu	NW	Cloudy			C.O.S.	8
9	77.0	29.303	.137	29.166	30.09	70.8	56.3	45	39	.298	74.0	57.0	NE	2			0	2	Cu	N?	Clear			C.O.S.	9
10	78.0	29.387	.140	29.247	30.17	74.0	58.0	46	37	.310	76.8	61.4	E	2			0	1	Cu	NE?	Clear			C.O.S.	10
11	77.5	29.406	.139	29.267	30.19	74.1	59.7	49	42	.347	80.2	61.0	E	6			0	6	ACu	NW	Pt. Cloudy			C.O.S.	11
12	79.0	29.359	.142	29.217	30.14	79.0	65.0	57	47	.465	83.8	62.8	SE	4			0	4	CiSt	NW	Pt. Cloudy			C.O.S.	12
13	81.5	29.403	.150	29.253	30.16	82.0	67.0	59	46	.499	87.2	66.0	SE	4			0	3	Cu	SE	Clear			C.O.S.	13
14	83.0	29.415	.153	29.262	30.18	83.1	65.0	54	37	.417	87.4	68.0	E	2			0	3	AST	E	Clear			C.O.S.	14
15	85.0	29.337	.158	29.179	30.09	85.0	67.0	57	38	.465	91.8	69.3	SW	5			0	5	Cu	S?	Pt. Cloudy			C.O.S.	15
16	87.0	29.276	.163	29.113	30.02	84.0	70.5	64	52	.595	92.4	69.9	NE	5			0	8	StCu	NE	Cloudy			C.O.S.	16
17	88.5	29.162	.167	28.995	29.89	84.9	70.2	63	48	.575	94.9	74.6	W	5			.02	3	AST	NW	Clear			C.O.S.	17
18	86.5	29.153	.162	28.991	29.89	79.8	62.8	52	38	.387	92.0	71.1	N	6	31	SW	.11	4	AST	W	Pt. Cloudy			C.O.S.	18
19	87.0	29.232	.163	29.069	29.98	76.3	61.3	51	42	.373	82.0	66.3	N	7			0	2	Cu	NE	Clear			C.O.S.	19
20	83.5	29.328	.154	29.174	30.09	69.4	56.4	46	44	.310	75.2	62.3	E	6			0	5	ACu	N	Pt. Cloudy			C.O.S.	20
21	78.0	29.209	.139	29.070	29.98	74.0	62.0	54	51	.417	76.4	61.8	S	4			T	10	AST	W	Cloudy			C.O.S.	21
22	81.0	29.152	.147	29.005	29.90	81.4	71.0	66	60	.638	86.7	68.0	SW	6			T	4	Cu	W	Pt. Cloudy			C.O.S.	22
23	79.0	29.123	.141	28.982	29.89	71.6	69.8	69	92	.707	77.2	69.4	SE	5			.15	10	Nb	SE	Lt. Rain			C.O.S.	23
24	80.0	29.126	.145	28.981	29.88	79.4	73.4	71	75	.757	82.9	72.0	NW	6	26	NW	T	10	Nb	NW	Lt. Rain B			C.M.W.	24
25	80.0	29.029	.144	28.885	29.78	72.0	61.8	56	56	.448	77.8	72.0	NW	4			0	1	Cu	NW	Clear			C.M.W.	25
26	76.0	29.212	.134	29.078	30.00	65.9	57.4	52	60	.387	71.6	59.0	NW	6			0	7	AST	W	Pt. Cloudy			C.M.W.	26
27	77.0	29.271	.137	29.134	30.05	70.3	57.8	49	46	.347	75.0	58.0	N	4			0	2	Cu	NW	Clear			C.O.S.	27
28	77.0	29.242	.137	29.105	30.01	74.4	61.3	53	47	.402	80.0	60.8	SW	7			0	4	StCu	NE	Pt. Cloudy			C.M.W.	28
29	76.5	29.241	.135	29.106	30.02	72.0	67.0	65	78	.616	79.2	61.9	E	7			.41	4 4	ACu StCu	W E	Cloudy			C.M.W.	29
30	77.0	29.253	.137	29.116	30.03	73.8	66.0	62	67	.555	78.0	61.2	E	5			0	2	CiSt	NW	Clear			C.M.W.	30
31	78.5	29.240	.141	29.099	30.01	76.3	65.8	60	57	.579	82.2	63.2	SE	5			0	1	StCu	SE	Clear			C.M.W.	31
Sums	(a)	(a)	(a)	901.418	929.62	2352.2	1986.3	1766	1654	14.746	(a)	(a)	(a)	172	(a)	(a)	0.70	148	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	29.098	29.988	75.9	64.1	57.0	53.4	.476	(a)	(a)	(c) E	5.5	(a)	(a)	(a)	4.8	U AST L Cu	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1922.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	82	63	19	0	72																0				0	0	0	0	1
2	86	62	24	2	74				R	2:00p	2:03p	R	3:33p	3:33p							T				0	0	0	0	2
3	84	61	23	2	72																0				0	0	0	0	3
4	83	62	21	0	72																0				0	0	0	0	4
5	84	60	24	0	72																0				0	0	0	0	5
6	87	65	22	4	76				R	1:50p	2:07p	R	5:25p	6:30p	R	7:40p	7:48p				.01				0	0	0	0	6
7	87	61	26	2	74				R	8:18p	Cont'd										.39				0	0	0	0	7
8	72	57	15	10	64				R	Cont'd	DNA										.04				0	0	0	0	8
9	74	55	19	0	64																0				0	0	0	0	9
10	77	54	23	2	66																0				0	0	0	0	10
11	80	55	25	2	68																0				0	0	0	0	11
12	84	60	24	4	72																0				0	0	0	0	12
13	87	62	25	2	74																0				0	0	0	0	13
14	87	63	24	1	75																0				0	0	0	0	14
15	92	64	28	3	78																0				0	0	0	0	15
16	92	66	26	1	79																0				0	0	0	0	16
17	95	70	25	3	82				R	2:19p	2:30p										.02				0	0	0	0	17
18	92	66	26	3	79				R	12:55p	1:25p										.11				0	0	0	0	18
19	82	61	21	7	72				R	11:25p	11:38p										T				0	0	0	0	19
20	75	59	16	5	67				R	DNA	DNA	R	5:39a	6:00a							.02				0	0	0	0	20
21	76	56	20	1	66				R	2:00p	2:19p										T				0	0	0	0	21
22	87	66	21	10	76				R	6:00a	6:24a	R	7:03a	7:15a							T				0	0	0	0	22
23	77	69	8	3	73				R	DNA	DNA	R	9:05a	11:30a	R	6:27p	6:57p	R	7:24p	9:56p	.24				0	0	0	0	23
24	83	67	16	2	75				R	9:26a	9:31a	R	6:35p	7:27p							.28				0	0	0	0	24
25	78	60	18	6	69																0				0	0	0	0	25
26	72	54	18	6	63																0				0	0	0	0	26
27	75	53	22	1	64																0				0	0	0	0	27
28	80	56	24	4	68																0				0	0	0	0	28
29	79	62	17	2	70				R	2:15a	6:20a	R	9:50a	9:12a							.45				0	0	0	0	29
30	78	61	17	0	70																0				0	0	0	0	30
31	82	61	21	2	72																0				0	0	0	0	31
S	2549	1891	658	90	2218		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.56		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	82.2	61.0	21.2	2.9	71.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF August, 1922.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.131	29.075	29.104	29.365	14	28.660	25	0.705	30.044	29.988	30.016	30.28	14	29.55	25	0.73
Corrected mean		29.100						Corrected mean		30.012					

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
65.9	75.9	70.9	61.4	64.1	62.8	82.2	61.0	71.6	95	17	53	27	42	28	15	8	23

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
58.6	57.0	57.8	77.9	53.4	65.6	.501	.476	.488	0	4	0	0

CLOUDS.

Most frequent clouds Cu.

Most frequent direction upper clouds NW

Most frequent direction lower clouds NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4960	6.7	E	31	SW	18	9	5	16	6	5	8	1	11	1

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.3	4.8	5.1	68	7	20	4	0	6	3

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	6, 15, 24, 29	0	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.56	0.45	29	0			0			4	9	6	3	0	13	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.17, date 29"; 10 minutes 0.29, date 29"; 15 minutes 0.32, date 29"; 30 minutes 0.37, date 29"; 1 hour 0.40, date 29"; 2 hours 0.40, date 29".

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None during month.																				

* The duration is the time precipitation was actually recorded.

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Prepared by CCS

P. M. Honeywell, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1922

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
Extremes of Pressure (Lowest).																									
25	15 5 a.m.	15 4 a.m.				28.660	29.55	73.0																	25

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *192*

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* ..... *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	17	3											5	1	184	20			206	24
2	31	6	9	2									16	4	81	12			137	24
3	37	7	6	1	12	1	8	2	6	1	12	2	6	1	61	9			148	24
4	77	12	18	4									16	3	30	5			141	24
5	2	1	23	8			3	1	40	7	37	7							105	24
6									26	4	248	20							274	24
7			13	1							199	14	38	2	63	7			313	24
8	25	3	147	15	33	6													205	24
9			76	16	30	8													106	24
10			7	1	72	22											0	1	79	24
11			5	1	138	20	11	3											154	24
12			6	1	44	10	73	12	7	1									130	24
13					19	5	93	19											112	24
14					71	16	25	7	3	1									99	24
15					13	8			4	1	66	11	7	2	10	2			100	24
16	15	3	7	1	14	5			4	1	36	6	29	3	21	5			126	24
17	13	8									39	6	24	4	49	6			125	24
18	20	3									119	13	14	2	60	6			213	24
19	87	13	38	6	21	4									8	1			154	24
20			28	5	102	15	21	4											151	24
21							94	14	70	10									164	24
22									63	7	162	17							225	24
23							30	7	87	9	75	8							192	24
24	21	5			3	1	7	4	22	2	78	10	4	1	4	1			139	24
25	20	3							23	2	76	7	14	1	132	11			265	24
26	8	1													125	23			133	24
27	74	12	4	1	8	2	6	1	4	1					33	7			129	24
28									52	12	118	12							170	24
29					63	10	17	4	33	5	54	5							167	24
30			42	5	123	18	5	1											170	24
31					58	12	70	12											128	24
SUM.	447	80	429	68	824	163	463	91	444	64	1319	138	173	24	861	115	0	1	4960	744
PERCENTAGE	9	11	9	9	17	22	9	12	9	9	27	19	3	3	17	15			a	a
AVG. HOURLY VELOCITY	5.6	a	6.3	a	5.1	a	5.1	a	6.9	a	9.6	a	7.2	a	7.5	a	c	a	6.7	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of September, *192* 2.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, rooms 911-912 Shoaff Building first observation taken in present office, 7:00 a. m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	77.5	29.222	.138	29.084	29.99	70.0	66.3	65	82	.616	76.3	65.6	S	6			0	10	ASt	SW	Cloudy		P.M.D.	1
2	82.0	29.204	.150	29.054	29.95	74.0	69.8	68	81	.684	85.2	70.0	S	19			.03	1	Cu	S	Clear		P.M.D.	2
3	84.5	29.302	.157	29.145	30.04	72.6	70.1	69	89	.707	88.0	71.2	SW	5			T	8	ASt	W	Cloudy		P.M.D.	3
4	84.0	29.312	.156	29.156	30.07	66.6	66.1	66	97	.638	83.0	66.6	NE	6			0	10	Dense fog	NE	Foggy		P.M.D.	4
5	84.0	29.300	.156	29.144	30.05	71.0	67.8	67	85	.661	80.3	68.8	S	1			0	0	0	0	Clear		P.M.D.	5
6	86.5	29.276	.162	29.114	30.01	73.1	67.0	64	73	.595	86.0	69.9	SW	7			0	0	0	0	Clear		P.M.D.	6
7	87.5	29.312	.165	29.147	30.05	74.0	65.5	61	64	.536	87.1	71.0	SW	3			0	1	ACu	W	Clear		P.M.D.	7
8	87.0	29.374	.163	29.211	30.11	72.6	65.3	61	68	.536	86.0	70.8	S	6			0	1	ASt	NW	Clear		P.M.D.	8
9	88.0	29.382	.166	29.216	30.12	76.5	66.0	60	58	.517	82.0	75.0	SW	9			0	3 5 4	ASt Cu ACu	SW W W	Cloudy		P.M.D.	9
10	86.0	29.210	.160	29.050	29.95	75.4	67.4	63	66	.595	81.2	72.9	SW	13			.01	2	SCu	SW	Pt. Cloudy		P.M.D.	10
11	83.0	29.202	.152	29.050	29.97	56.8	55.9	55	95	.432	67.0	56.4	N	10			1.16	10	Nb	N	Hy. Rain		P.M.D.	11
12	76.5	29.328	.136	29.192	30.12	50.0	49.0	48	93	.334	61.4	48.9	NW	3			0	1	St.	N	Clear		P.M.D.	12
13	73.0	29.257	.126	29.131	30.05	58.0	54.8	53	82	.402	66.2	55.6	SW	6			0	1	a.St.	W	Clear		P.M.D.	13
14	74.5	29.252	.130	29.122	30.03	61.8	58.8	57	84	.465	75.0	57.9	SE	4			0	4 1	a.Cu. St.Cu.	NW SE	Pt. Cloudy		P.M.D.	14
15	78.0	29.374	.140	29.234	30.15	61.0	59.2	58	90	.482	77.7	59.0	NE	9			0	10	St.	NE	Cloudy		P.M.D.	15
16	75.5	29.566	.134	29.422	30.35	56.7	53.7	52	83	.387	66.5	54.0	N	4			0	1	a.St.	NW	Clear		P.M.D.	16
17	72.0	29.614	.125	29.489	30.43	48.0	44.0	40	73	.247	59.0	45.0	NE	12			0	1	a.St.	W	Clear		P.M.D.	17
18	69.0	29.432	.117	29.315	30.26	46.4	43.9	41	82	.256	56.0	43.8	NE	6			0	3	Ci.	NW	Clear		P.M.D.	18
19	68.0	29.400	.114	29.286	30.22	56.3	54.8	53	91	.402	62.4	55.6	NE	6			T	5 5	a.St. St.	W NE	Cloudy		P.M.D.	19
20	67.5	29.394	.113	29.281	30.21	58.0	56.7	56	92	.448	59.2	57.4	NE	8			T	10	Nb.	NE	Lt. Rain		P.M.D.	20
21	66.5	29.386	.110	29.276	30.21	54.4	51.2	49	81	.347	60.8	52.6	NE	5			0	0	0	0	Clear		P.M.D.	21
22	69.0	29.332	.116	29.216	30.14	57.0	54.3	53	84	.402	70.3	55.6	SW	3			0	0	0	0	Clear		P.M.D.	22
23	72.5	29.320	.125	29.195	30.12	61.0	57.7	55	82	.432	76.0	59.8	SW	6			0	0	0	0	Clear		P.M.D.	23
24	75.5	29.264	.133	29.131	30.04	64.0	57.0	52	66	.387	75.8	62.0	N	8			0	2	St. Cu.	N	Clear		P.M.D.	24
25	74.0	29.560	.130	29.430	30.37	45.0	42.4	40	81	.247	60.0	41.6	NE	5			0	1	a.St.	NW	Clear		P.M.D.	25
26	70.0	29.586	.119	29.467	30.41	44.3	42.3	40	85	.247	59.0	41.4	E	4			0	0	0	0	Clear		P.M.D.	26
27	70.5	29.496	.121	29.375	30.32	46.7	43.1	40	78	.247	60.7	43.7	E	1			0	0	0	0	Clear		P.M.D.	27
28	70.5	29.458	.121	29.337	30.28	47.6	43.4	39	72	.237	66.8	46.0	E	4			0	0	0	0	Clear		P.M.D.	28
29	71.5	29.420	.123	29.297	30.23	54.0	49.9	47	75	.322	68.0	52.8	E	2			0	1	Cu	E	Clear		P.M.D.	29
30	73.5	29.378	.129	29.249	30.18	60.8	56.3	53	76	.402	74.0	58.0	SE	2			0	1	Cu	SE	Clear		P.M.D.	30
31																								31
Sums		(a)	(a)	876.816	904.43	1813.1	1699.7	1625	2408	13.190	(a)	(a)	(a)	183	(a)	(a)	1.20	92	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.227	30.148	60.4	56.7	54.2	80.3	0.440	(a)	(a)	(c) NE SW	6.1	(a)	(a)	(a)	3.1	U a.St. L C	U W L NE	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1922,

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:12 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	84.0	29.114	.155	28.959	29.85	85.2	73.2	68	57	.684	90.0	70.0	SW	6			.08	4	Cu	NE	Pt. Cloudy			CCS	1
2	85.5	29.172	.159	29.013	29.90	88.0	76.7	72	60	.783	93.7	74.0	SW	5			0	1 3	Cu Cu Nb	SW NW	Pt. Cloudy			CCS	2
3	85.5	29.264	.160	29.104	30.00	83.0	72.0	67	58	.661	87.4	72.6	NW	3			T	6	Cu	NW	Pt. Cloudy			C.P.D.	3
4	86.5	29.254	.162	29.092	30.00	80.3	70.0	65	60	.616	89.0	66.6	E	5			0	1	Ast	NW	Clear	B-8:00a E 8:30a	B-0.N.A. E-8:00a	P.M.D.	4
5	88.0	29.225	.165	29.060	29.96	86.0	68.0	58	39	.482	94.6	71.0	SW	7			0	0	0	0	Clear			CCS	5
6	89.0	29.217	.168	29.049	29.94	87.1	67.8	58	37	.482	94.9	73.1	SW	7			0	3	Ast	N	Clear			CCS	6
7	89.0	29.267	.169	29.098	30.00	86.0	69.5	61	44	.536	92.0	74.0	S	8			0	2	Cu	E	Clear			CCS	7
8	89.5	29.313	.170	29.143	30.05	82.0	74.0	71	69	.757	96.0	72.6	SE	3	27	SW	.26	8	St Cu	NW	Cloudy			CCS	8
9	88.0	29.316	.166	29.150	30.05	81.2	72.8	69	67	.707	90.9	76.5	NE	10			0	7	St Cu	SW	Pt. Cloudy			CCS	9
10	85.5	29.143	.159	28.984	29.89	67.0	65.0	64	90	.595	86.0	67.0	N	10			.10	10	Nb	N	H. Rain R			P.M.D.	10
11	79.5	29.260	.144	29.116	30.04	61.4	54.9	50	66	.360	69.3	56.8	NW	8			T	0	0	0	Clear			P.M.D.	11
12	76.0	29.230	.134	29.096	30.02	66.2	58.2	53	62	.402	72.3	50.0	SW	5			0	0	0	0	Clear			P.M.D.	12
13	75.5	29.212	.133	29.079	30.00	75.0	62.1	54	48	.417	80.6	58.0	S	6			0	8	a.st	W	Cloudy			P.M.D.	13
14	79.5	29.203	.143	29.060	29.97	77.7	63.7	55	46	.432	85.6	61.8	SW	9			0	1	a.st	NW	Clear			P.M.D.	14
15	77.0	29.450	.138	29.312	30.24	66.5	60.0	56	68	.448	71.8	60.4	N	5			0	1	a.st	W	Clear			P.M.D.	15
16	74.5	29.572	.131	29.441	30.37	59.0	53.6	49	71	.347	69.0	56.7	NE	5			0	5	a.st	W	Pt. Cloudy			P.M.D.	16
17	72.0	29.490	.125	29.365	30.30	56.0	49.3	44	62	.287	64.0	48.0	E	7			0	0	0	0	Clear			P.M.D.	17
18	69.0	29.349	.116	29.233	30.16	62.4	55.1	50	63	.360	67.4	46.4	E	6			0	2	St.	E	Clear			P.M.D.	18
19	68.0	29.308	.113	29.195	30.12	59.2	57.2	56	89	.448	63.4	55.8	NE	8			.06	10	St.	NE	Cloudy			P.M.D.	19
20	68.0	29.370	.113	29.257	30.19	60.8	55.7	52	73	.387	63.7	58.0	NE	5			T	8 2	a.st. St.	NW NE	Cloudy			P.M.D.	20
21	70.0	29.316	.119	29.197	30.12	70.3	60.3	54	56	.417	75.0	54.4	NE	3			0	0	0	0	Clear			P.M.D.	21
22	73.0	29.264	.126	29.138	30.06	76.0	62.5	54	47	.417	83.2	57.0	W	5			0	0	0	0	Clear			P.M.D.	22
23	77.5	29.230	.138	29.092	30.00	75.8	61.8	53	45	.402	85.3	61.0	SW	8			0	0	0	0	Clear			P.M.D.	23
24	77.0	29.420	.138	29.282	30.21	60.0	51.0	43	53	.277	72.0	60.0	N	14			0	1	St.	N.	Clear			P.M.D.	24
25	73.0	29.520	.127	29.393	30.33	59.0	47.2	34	40	.195	65.0	45.0	NE	7			0	0	0	0	Clear			P.M.D.	25
26	70.5	29.472	.121	29.351	30.29	60.7	49.2	38	43	.228	66.4	44.3	E	4			0	0	0	0	Clear			P.M.D.	26
27	71.0	29.390	.122	29.268	30.21	66.8	50.3	33	29	.187	72.6	46.2	E	4			0	0	0	0	Clear			P.M.D.	27
28	73.0	29.373	.126	29.247	30.17	68.0	56.0	47	47	.322	77.1	47.6	E	5			0	0	0	0	Clear			CCS	28
29	74.0	29.343	.129	29.214	30.13	74.0	60.1	50	44	.360	82.6	54.0	SE	4			0	2	Cu	NW	Clear			CCS	29
30	76.0	29.332	.134	29.198	30.12	75.2	63.8	57	54	.465	84.0	60.8	SE	5			a	7	Cu	NE	Pt. Cloudy			P.O.S.	30
31																									31
Sums		(a)	(a)	875.186	902.69	2155.8	1841.0	1635	1687	13.461	(a)	(a)	(a)	187	(a)	(a)	0.50	92	(a)	(a)	(a)	1	1	(a)	(a)
Means		(a)	(a)	29.173	30.090	71.9	61.4	54.5	56.2	.449	(a)	(a)	(c) SW	6.2	(a)	(a)	(a)	3.1	U A St LCU	U W + NW L NE + NW (d)		(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1922.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	90	66	24	6	78				R	6:53a	7:40a	R	9:55p	10:20p	R	11:28p	Cont'd				.11				0	0	0	0	1
2	94	70	24	4	82				R	Cont'd	DNA	R	8:14p	8:45p							T				0	0	0	0	2
3	87	71	16	3	79				R	8:15a	8:25a										T				0	0	0	0	3
4	89	67	22	1	78																0				0	0	0	0	4
5	95	69	26	4	82																0				0	0	0	0	5
6	95	70	25	0	82																0				0	0	0	0	6
7	92	71	21	0	82																0				0	0	0	0	7
8	96	71	25	2	84				R	3:47p	3:54p	R	5:40p	6:37p							.26				0	0	0	0	8
9	91	73	18	2	82				R	10:30p	10:52p	R	DNP	DNP							.01				0	0	0	0	9
10	86	59	27	10	72				R	2:40p	4:00p	R	5:58p	Cont'd							.75				0	0	0	0	10
11	69	53	16	11	61				R	Cont'd	8:43a										.51				0	0	0	0	11
12	72	49	23	1	60																0				0	0	0	0	12
13	81	56	25	8	68																0				0	0	0	0	13
14	86	58	28	4	72																0				0	0	0	0	14
15	72	59	13	6	66																0				0	0	0	0	15
16	69	50	19	6	60																0				0	0	0	0	16
17	64	45	19	6	54																0				0	0	0	0	17
18	67	44	23	2	56																0				0	0	0	0	18
19	63	56	7	4	60				R	D.N.a	D.N.a	R	11:05a	11:20a	R	1:40p	6:50p				.06				0	0	0	0	19
20	64	57	7	0	60				R	6:38a	7:20a										T				0	0	0	0	20
21	75	53	22	4	64																0				0	0	0	0	21
22	83	56	27	6	70																0				0	0	0	0	22
23	85	60	25	2	72																0				0	0	0	0	23
24	72	49	23	12	60																0				0	0	0	0	24
25	65	42	23	6	54																0				0	0	0	0	25
26	66	41	25	0	54																0				0	0	0	0	26
27	73	44	29	4	58																0				0	0	0	0	27
28	77	46	31	4	62																0				0	0	0	0	28
29	83	53	30	6	68																0				0	0	0	0	29
30	84	58	26	3	71																0				0	0	0	0	30
31																													31
S	2385	1716	669	177	2051		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.70		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	79.5	57.2	22.3	4.2	68.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF September, 1922

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.227	29.173	29.200	29.510	25	28.940	1	0.570	30.148	30.090	30.119	30.45	25	29.83	1	0.62
Corrected mean		29.195						Corrected mean		30.114					

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
60.4	71.9	66.2	56.7	61.4	59.0	79.5	57.2	68.4	96	8	41	26	55	31	28	7	20

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)
54.2	54.5	54.4	80.3	56.2	68.2	.440	.449	.444

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
0	7	0	0

CLOUDS.

Most frequent clouds Cumulus

Most frequent direction upper clouds W + NW

Most frequent direction lower clouds NE

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4971	6.9	SW	27	SW	8	6	14	10	5	6	15	1	3	0

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.1	3.1	3.3	78	16	12	2	1	4	1

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	1, 2, 8, 9, 10	0	0	0	4	4	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.70	1.26	10-11	0			0			3	6	5	3	0	9	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.09, date 8; 10 minutes 0.15, date 8; 15 minutes 0.16, date 8; 30 minutes 0.24, date 8; 1 hour 0.31, date 10; 2 hours 0.38, date 10.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				none	during		month.													

* The duration is the time precipitation was actually recorded.

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Prepared by CAS

C. M. Donough, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1922

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
EXTREMES OF PRESSURE.																									
HIGHEST.																									
25th	10:30 a.m.	9:30 a.m.				29.510	30.45	55.0																	25th
LOWEST.																									
1st	6:00 p.m.	5:00 p.m.				28.940	29.83	89.0																	1st

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of Sept, 1922

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1					3	1	30	6	57	8	130	9							220	24
2	7	1			5	1	14	2	82	6	136	12	13	1	7	1			264	24
3	16	3	5	1	10	2			18	4	54	7	45	4	14	3			162	24
4			50	10	35	8	19	5	4	1									108	24
5									59	13	85	11							144	24
6									22	3	182	20	13	1					217	24
7			32	6	20	3	11	2	33	6	44	7							140	24
8							5	1	83	13	104	10							192	24
9			6	1	15	3	2	1	8	1	169	15			22	3			222	24
10	68	8	12	1					25	3	125	9	20	2	11	1			261	24
11	142	16	8	1											66	7			216	24
12									24	3	68	10			36	11			128	24
13					6	2			9	2	177	19	14	1					206	24
14			19	3	14	4	6	1			174	14	6	1	4	1			223	24
15	120	21	19	3															139	24
16	97	14	81	10															178	24
17			147	15	63	9													210	24
18			44	7	96	17													140	24
19	4	1	88	15	41	8													133	24
20			202	24															202	24
21	26	6	70	15													0	3	96	24
22			4	2							24	4	73	13			0	5	101	24
23											183	22	31	2					214	24
24	185	17	25	2							37	5							247	24
25	32	6	87	15	19	3													138	24
26					123	24													123	24
27			4	1	66	23													70	24
28					94	19	12	5											106	24
29					45	13	27	8	4	1	8	2							84	24
30					9	2	39	14	29	6	10	2							87	24
31																				
SUM.	697	93	903	132	664	142	165	45	457	70	1710	178	215	25	160	27	0	8	4971	720
PERCENTAGE	14	13	18	18	14	20	3	6	9	10	35	25	4	3	3	4	0	1	a	a
AVG. HOURLY VELOCITY	7.5	a	6.9	a	4.7	a	3.4	a	6.5	a	9.6	a	8.6	a	5.9	a	0	a	6.9	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of October, *1922.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street & room 911-912 Shoaff Building first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1922.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90″ MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	75.0	29.422	.133	29.289	30.21	63.8	59.0	56	76	.448	75.2	60.9	S	3			0	7	AST	NE	Pt. Cloudy		CCS	1
2	76.0	29.456	.135	29.321	30.24	63.3	60.0	58	83	.482	72.4	62.3	E	2			0	8	Cu	N	Cloudy		CCS	2
3	78.0	29.413	.140	29.273	30.19	65.3	58.8	54	68	.417	79.0	61.0	0	0			0	3	Cu	N	Clear		CCS	3
4	79.0	29.286	.142	29.144	30.05	63.3	58.0	55	73	.432	78.4	61.9	SW	7			0	6 1	AST Cu	NW SW	Pt. Cloudy		CCS	4
5	79.0	29.193	.142	29.051	29.96	64.0	56.2	48	57	.334	78.2	62.5	SW	7			0	5	AST	N	Pt. Cloudy		CCS	5
6	80.0	29.186	.145	29.041	29.94	69.7	62.2	59	74	.499	78.0	66.6	SW	5			0	7	ACu	W	Pt. Cloudy		CCS	6
7	79.0	28.902	.141	28.761	29.66	62.0	61.8	62	99	.565	72.2	61.1	E	3			.14	10	Nb	E	Lt. Rain		CCS	7
8	74.5	28.971	.129	28.842	29.75	50.0	48.0	46	87	.310	58.0	49.2	N	10			T	10	St	NW	Cloudy		CCS	8
9	73.0	29.153	.126	29.027	29.96	47.0	45.0	43	86	.277	50.0	47.0	N	7			0	10	StCu	NE	Cloudy		CCS	9
10	70.0	28.917	.118	28.799	29.71	53.0	51.9	51	93	.373	56.0	51.3	NE	10			.22	10	Nb	NE	Lt. Rain		CCS	10
11	72.0	28.789	.122	28.667	29.59	49.7	49.0	48	95	.334	54.0	49.7	SE	7			.02	10	Nb	SE	Sprinkling		CCS	11
12	71.0	29.373	.121	29.252	30.18	43.0	42.0	41	92	.256	54.6	41.5	W	4			0	9	Cu	NW	Cloudy		CCS	12
13	69.5	29.615	.118	29.497	30.45	38.2	35.0	31	74	.172	42.4	33.6	S	4			0	0	0	0	Clear		CCS	13
14	69.0	29.342	.116	29.226	30.16	48.0	43.7	39	71	.237	52.8	44.6	S	10			0	2	AST	NW	Clear		CCS	14
15	67.0	29.184	.110	29.074	29.99	54.0	52.5	51	91	.373	63.0	53.2	S	4			.04	10	St	SW	Cloudy		CCS	15
16	67.5	29.102	.111	28.991	29.92	52.6	52.1	52	97	.387	59.6	51.9	SW	7			0	10 4	St Lt. Fog	SW SW	Cloudy		CCS	16
17	69.0	29.301	.116	29.185	30.11	41.0	38.0	34	77	.195	57.5	40.0	W	9	25	NW	0	3	Cu	NW	Clear		CCS	17
18	67.5	29.416	.113	29.303	30.25	35.0	32.0	28	73	.150	44.0	34.1	SW	8			0	0	0	0	Clear		CCS	18
19	71.0	29.466	.122	29.344	30.29	34.8	32.0	28	74	.150	41.9	31.7	SW	6			0	0	0	0	Clear		CCS	19
20	73.0	29.558	.127	29.431	30.38	35.0	32.0	28	73	.150	54.8	33.8	E	8			0	0	0	0	Clear		CCS	20
21	71.0	29.409	.122	29.287	30.23	43.0	40.8	39	83	.237	51.0	38.2	E	2			0	3	Lt. Smoke	E	Clear		CCS	21
22	69.0	29.276	.116	29.160	30.09	45.6	43.0	40	81	.247	60.0	44.7	S	5			0	2	AST	NW	Clear		CCS	22
23	71.0	29.025	.120	28.905	29.82	46.9	44.3	42	82	.266	63.0	46.9	NW	15			.36	4	StCu	NW	Pt. Cloudy		CCS	23
24	72.0	29.278	.124	29.154	30.09	39.0	37.0	34	84	.195	45.8	37.5	SW	7			0	7	Cu	NW	Pt. Cloudy		CCS	24
25	72.5	28.967	.124	28.843	29.77	49.0	43.8	38	66	.228	53.0	48.8	SW	11	26	SW	0	10	AST	NW	Cloudy		CCS	25
26	73.0	29.279	.126	29.153	30.08	36.8	34.6	31	81	.172	52.9	36.8	N	4			0	8	Cu	N	Cloudy		CCS	26
27	73.0	29.164	.126	29.038	29.98	40.7	37.7	34	77	.195	46.6	38.9	SW	8			0	4	Ci. St	NW	Pt. Cloudy		CCS	27
28	74.0	29.201	.129	29.072	30.00	42.3	42.1	42	98	.266	61.4	42.3	E	12			0	10 4	St Lt. Fog	E E	Cloudy		CCS	28
29	70.0	29.305	.119	29.186	30.12	40.0	40.0	40	100	.247	63.0	39.0	E	6			0	1 2	AST Lt. Fog	E E	Clear		CCS	29
30	72.0	29.403	.125	29.278	30.22	42.2	42.2	42	100	.266	67.0	42.2	E	8			0	10 4	St Lt Fog	E E	Cloudy		CCS	30
31	74.5	29.433	.131	29.302	30.24	39.8	39.1	38	94	.228	50.3	39.8	E	9			0	3	St	NE	Clear		CCS	31
Sums		(a)	(a)	902.896	931.63	1496.0	1412.8	1332	2559	9.078	(a)	(a)	(a)	208	(a)	(a)	0.78	180	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.126	30.053	48.3	45.6	43.0	82.5	.293	(a)	(a)	(c) SW	6.7	(a)	(a)	(a)	5.8	U a. St. L Cu.	U NW L E	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Port Wayne, Ind., for the Month of October, 192

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	76.5	29.411	.136	29.275	30.20	72.4	61.0	54	52	.417	85.3	63.8	E	6			0	8	StCu	NW	Cloudy			[illegible]	1
2	79.0	29.380	.143	29.237	30.16	79.0	63.3	54	42	.417	87.6	63.3	N	7			0	0	0	0	Clear			[illegible]	2
3	81.0	29.316	.148	29.168	30.09	78.4	64.4	56	46	.448	85.2	65.3	N	2			0	2	ASt	W	Clear			[illegible]	3
4	81.5	29.148	.149	28.999	29.91	78.2	62.2	52	40	.387	87.0	63.3	SW	9			0	2	ASt	NW	Clear			[illegible]	4
5	82.5	29.140	.151	28.989	29.90	78.0	62.0	52	40	.387	87.4	64.0	SW	7			0	2	A St	W	Clear			[illegible]	5
6	80.5	29.114	.145	28.969	29.88	72.2	67.5	65	79	.616	83.8	67.7	W	2			T	10	St	W?	Cloudy			[illegible]	6
7	77.0	28.804	.135	28.669	29.58	58.0	57.0	56	94	.448	65.0	57.6	NW	16			1.60	10	Nb	NW	Sprinkling			[illegible]	7
8	72.5	29.092	.124	28.968	29.90	50.0	48.0	46	87	.310	52.8	48.6	N	4			T	10	StCu	N	Cloudy			[illegible]	8
9	71.0	29.082	.120	28.962	29.89	56.0	51.3	48	73	.334	58.0	47.0	NE	10			0	10	St	NE	Cloudy			[illegible]	9
10	73.0	28.868	.124	28.744	29.65	54.0	53.0	52	94	.387	59.0	53.0	S	9			.19	0	0	0	Clear			[illegible]	10
11	72.0	28.992	.123	28.869	29.80	54.6	50.1	47	74	.322	58.9	49.6	NW	24	30	NW	.05	5	StCu	NW	Pt. Cloudy			[illegible]	11
12	73.0	29.520	.127	29.393	30.34	42.4	37.2	30	61	.164	50.3	42.4	NW	5			T	0	0	0	Clear			[illegible]	12
13	70.0	29.395	.119	29.276	30.22	52.8	45.3	38	56	.228	59.0	38.2	SE	7			0	0	0	0	Clear			[illegible]	13
14	68.5	29.230	.114	29.116	30.05	63.0	54.0	47	56	.322	70.4	48.0	SW	6			0	10	ASt	0?	Cloudy			[illegible]	14
15	67.0	29.085	.110	28.975	29.91	59.6	56.1	54	81	.417	60.0	54.0	SW	2			T	10	St	SW	Cloudy			[illegible]	15
16	68.5	29.068	.114	28.954	29.88	57.5	54.2	52	81	.387	65.0	52.6	S	8			0	0	0	0	Clear	B 11 N.a E 10:15a		[illegible]	16
17	70.0	29.346	.119	29.227	30.17	44.0	39.0	32	64	.180	50.4	41.0	W	7			0	0	0	0	Clear			[illegible]	17
18	70.0	29.470	.119	29.351	30.30	41.9	37.0	30	63	.164	50.4	35.0	NW	7			0	0	0	0	Clear			[illegible]	18
19	73.5	29.387	.129	29.258	30.20	54.8	45.3	35	47	.203	61.7	34.8	SW	7			0	0	0	0	Clear			[illegible]	19
20	72.5	29.434	.126	29.308	30.25	51.0	46.8	43	74	.277	57.0	35.0	E	3			0	0	0	0	Clear			[illegible]	20
21	71.5	29.304	.122	29.182	30.11	60.0	51.0	43	53	.277	68.4	43.0	S	6			0	0	0	0	Clear			[illegible]	21
22	70.0	29.071	.118	28.953	29.88	63.0	53.0	45	51	.298	70.2	45.6	S	12			0	5	C. St	NW	Pt. Cloudy			[illegible]	22
23	73.5	29.262	.128	29.134	30.07	45.8	41.3	36	69	.211	48.4	45.8	NW	7			T	10	St	NW	Cloudy			[illegible]	23
24	74.5	29.060	.129	28.931	29.86	53.0	45.3	37	55	.219	68.6	39.0	SW	18			0	0	0	0	Clear			[illegible]	24
25	73.5	29.057	.127	28.930	29.86	52.9	45.4	38	56	.228	60.4	49.0	W	7			0	0	0	0	Clear			[illegible]	25
26	75.5	29.275	.133	29.142	30.08	46.6	42.0	36	68	.211	51.0	36.8	S	3			0	0	0	0	Clear			[illegible]	26
27	73.0	29.060	.125	28.935	29.87	61.4	52.2	44	54	.287	70.5	40.7	SW	7			0	0	0	0	Clear			[illegible]	27
28	75.0	29.202	.132	29.070	30.00	53.0	50.0	47	82	.322	59.0	42.3	E	8			0	0	0	0	Clear	B 5:40a E 10:25a		[illegible]	28
29	70.5	29.285	.120	29.165	30.09	67.0	53.5	42	40	.266	78.0	40.0	SE	5			0	4	ASt	SW	Pt. Cloudy	B 5:10a E 8:24a B 11 N.a	B PM A E 5:10a	[illegible]	29
30	76.0	29.382	.135	29.247	30.18	50.3	45.2	40	68	.247	65.2	42.0	E	12			0	0	0	0	Clear	E 9:17a		[illegible]	30
31	76.0	29.370	.134	29.236	30.17	49.5	45.0	40	71	.247	60.0	39.8	E	15			0	0	0	0	Clear			[illegible]	31
Sums		(a)	(a)	901.632	930.45	1800.3	1578.6	1391	1971	9.628	(a)	(a)	(a)	248	(a)	(a)	1.84	98	(a)	(a)	(a)	4	1	(a)	(a)
Means		(a)	(a)	29.085	30.015	58.1	50.9	44.9	63.6	.311	(a)	(a)	(c) SW	8.0	(a)	(a)	(a)	3.2	U a.St L St.	U W + NW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1922

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Sunday 1	85	61	24	2	73																0				0	0	0	0	1
2	88	62	26	2	75																0				0	0	0	0	2
3	85	61	24	2	73																0				0	0	0	0	3
4	87	62	25	1	74																0				0	0	0	0	4
5	87	62	25	0	74																0				0	0	0	0	5
6	84	64	20	0	74				R	3:45p	4:10p	R	5:35p	6:10p	R	8:12p	Cont'd				.10				0	0	0	0	6
7	65	50	15	16	58				R	Cont'd	5:50p	R	6:40p	7:30p							1.64				0	0	0	0	7
8	53	47	6	8	50				R	1:32p	3:20p										T				0	0	0	0	8
9	58	47	11	2	52				R	7:00p	8:15p	R	9:32p	Cont'd							.15				0	0	0	0	9
10	59	51	8	3	55				R	Cont'd	DNA	R	5:00a	11:38a	R	12:15p	2:50p				.26				0	0	0	0	10
11	59	44	15	3	52				R	DNA	8:40a	R	11:45a	11:52a	R	2:32p	3:30p				.07				0	0	0	0	11
12	50	37	13	8	44				R	8:50a	9:15a										T				0	0	0	0	12
13	59	34	25	2	46																0				0	0	0	0	13
14	70	45	25	12	58																0				0	0	0	0	14
15	60	53	7	2	56				R	2:00a	3:50a	R	4:15p	4:30p							.04				0	0	0	0	15
16	65	49	16	1	57																0				0	0	0	0	16
17	50	38	12	13	44																0				0	0	0	0	17
18	50	34	16	2	42																0				0	0	0	0	18
19	62	32	30	5	47																0				0	0	0	0	19
20	57	34	23	1	46																0				0	0	0	0	20
21	68	38	30	7	53																0				0	0	0	0	21
22	70	45	25	5	58				R	DNP	Cont'd										.03				0	0	0	0	22
23	54	41	13	10	48				R	Cont'd	DNA	R	3:41p	3:47p							.33				0	0	0	0	23
24	59	38	21	0	48																0				0	0	0	0	24
25	60	47	13	6	54																0				0	0	0	0	25
26	51	37	14	10	44																0				0	0	0	0	26
27	71	39	32	11	55																0				0	0	0	0	27
28	59	42	17	5	50																0				0	0	0	0	28
29	78	39	39	8	58																0				0	0	0	0	29
30	65	42	23	4	54																0				0	0	0	0	30
31	60	40	20	4	50																0				0	0	0	0	31
S	2028	1415	613	155	1722		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.62		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	65.4	45.6	19.8	5.0	55.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF October, 1922.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.126	29.085	29.106	29.497	13	28.630	7	0.867	30.053	30.015	30.034	30.45	13	29.54	7	0.91
Corrected mean		29.100						Corrected mean		30.028					

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
48.3	58.1	53.2	45.6	50.9	48.2	65.4	45.6	55.5	88	2	32	19	56	39	29	6	8

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)
43.0	44.9	44.0	82.5	63.6	73.0	.293	.311	.302

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
0	0	1	0

Clouds.

Most frequent clouds: a. St.

Most frequent direction upper clouds: NW

Most frequent direction lower clouds: NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6324	8.5	SW	30	NW	11	6	2	13	3	10	16	5	6	1

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.8	3.2	4.9	59	13	9	9	0	1	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. ⊛ Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	12	13	0	0	22, 31	5	16, 28, 29, 30	29	0	0	21	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.62	1.74	6"-7"	0			0			2	8	7	3	1	10	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.21, date 7"; 10 minutes 0.31, date 7"; 15 minutes 0.41, date 7";
30 minutes 0.62, date 7"; 1 hour 0.71, date 7"; 2 hours 1.13, date 7".

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
6	8:12 p	---																		
7	---	5:50 p	1.74	8:01 a	8:25 a	.25	.09	.21	.32	.49	.58									

⊛ Not recorded subsequent to first killing frost.

* The duration is the time precipitation was actually recorded.

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Prepared by [illegible]

O. McDonough, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of Dec., 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
7"	12 00 Noon	11 00 a.m.	78.0	28.850	.137	28.713	29.62	63.0	62.0	61	2	95	64.8	SW	9			1.32	10	Nb	SW	H. Rain	Called for by Chicago	CDB	7"
						Extremes of Pressure — Lowest																			
4"	5 30 pm	4 30 pm				28.630	29.54	63.0																	7"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1			5	1	35	8	5	1	39	10	13	4							97	24
2	18	4			9	5							27	6	32	7	0	2	86	24
3	52	11	12	5											10	6	0	2	74	24
4					4	1	21	4			177	19							202	24
5											256	24							256	24
6			12	2							141	17	19	5					172	24
7	15	1	6	1	40	7			20	2	36	4	34	4	80	5			231	24
8	120	16	35	6	14	2													169	24
9	14	2	149	19	17	3													180	24
10	23	2	166	13			10	1	87	8									286	24
11							62	8	24	3			76	6	78	7			240	24
12													52	8	138	16			190	24
13							24	5	159	15					5	4			188	24
14									114	10	185	14							299	24
15											87	19	19	5					106	24
16									40	5	125	17	4	1	19	1			188	24
17											26	3	101	10	141	11			268	24
18	6	2									70	7	43	4	104	11			223	24
19	20	5	16	2							101	11	64	5	6	1			207	24
20			47	5	89	14	20	5											156	24
21					20	7	3	1	81	11	51	5							155	24
22									155	18	72	5	12	1					239	24
23											10	1	73	9	211	14			294	24
24											343	23	6	1					349	24
25											131	8	93	10	90	6			314	24
26	88	14							34	6					16	4			138	24
27											144	14	63	5	14	4	0	1	221	24
28					184	21									8	3			192	24
29			17	2	64	12	28	9	4	1									113	24
30			51	6	178	18													229	24
31					262	24													262	24
SUM.	356	57	516	62	916	122	173	34	757	89	1968	195	686	80	952	100	0	5	6,324	744
PERCENTAGE	6	8	8	8	14	16	3	5	12	12	31	26	11	11	15	13	0	1	a	a
AVG. HOURLY VELOCITY	6.2	a	8.3	a	7.5	a	5.1	a	8.5	a	10.1	a	8.6	a	9.5	a	0	a	8.5	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of November, *1922.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, rooms 911-912 Shoaff Building first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	29.290	.124	29.166	30.10	38.9	36.9	34	84	.195	49.5	38.7	E	10			0	5	AST	SW	Pt. Cloudy		Aber. O.	1
2	72.0	29.164	.124	29.040	29.97	58.0	53.0	49	72	.347	59.8	52.9	SW	15	27	SW	.40	9	St Cu	SW	Cloudy		Aber. O.	2
3	73.5	29.504	.129	29.375	30.32	62.0	57.0	50	94	.360	56.0	52.0	W	7			0	4	Cu	NW	Pt. Cloudy		Aber. O.	3
4	73.5	29.584	.129	29.455	30.40	62.8	60.3	48	85	.334	66.8	62.8	NE	2			0	8	St Cu	NE	Cloudy		Aber. O.	4
5	71.5	29.348	.122	29.226	30.16	43.2	41.2	39	85	.237	52.0	41.9	SE	2			0	6	AST	SW	Pt. Cloudy		Aber. O.	5
6	71.5	29.104	.121	28.983	29.90	60.0	57.4	56	86	.448	63.3	57.3	SW	16			.50	4	St Cu	SW	Pt. Cloudy		Aber. O.	6
7	71.0	29.264	.121	29.143	30.08	38.2	36.2	33	83	.187	50.0	38.2	SW	10			0	0	0	0	Clear		Aber. O.	7
8	68.0	29.196	.113	29.083	30.02	41.0	39.8	39	90	.237	48.0	40.2	W	12			T	10	St	NW	Cloudy		Aber. O.	8
9	69.0	29.530	.117	29.413	30.36	34.0	33.4	33	94	.187	43.7	33.6	NW	6			T	1	St	NW	Clear		Aber. O.	9
10	70.5	29.600	.121	29.479	30.44	33.8	32.8	32	90	.18[illegible]	36.0	32.1	S	[illegible]			0	1	AST	NW	Clear		[illegible]	10
11	69.5	29.386	.118	29.268	30.21	48.0	45.0	42	80	.266	48.1	41.6	SW	14			0	7	St Cu	SW	Pt. Cloudy		Aber. O.	11
12	70.0	29.458	.119	29.339	30.28	51.8	50.8	50	94	.360	54.7	51.8	SW	1			.03	7	St Cu	SW	Pt. Cloudy		Aber. O.	12
13	72.5	29.688	.126	29.462	30.41	42.8	42.0	41	94	.256	45.5	41.0	E	15			.14	10	Nb	E	Lt. Rain		Aber. O.	13
14	70.0	29.280	.119	29.161	30.09	57.0	55.0	54	88	.417	59.5	54.[illegible]	S	12			.01	10	Nb	S	Lt. Rain		[illegible]	14
15	69.0	29.244	.116	29.128	30.07	35.0	33.8	32	89	.[illegible]	48.0	34.6	SW	5			T	1	St	SW	Clear		[illegible]	15
16	69.0	29.556	.117	29.439	30.39	36.0	33.5	30	78	.1[illegible]	39.2	34.0	W	6			0	5	St Cu	W	Pt. Cloudy		Aber. O.	16
17	69.5	29.432	.118	29.314	30.26	34.9	32.9	30	82	.164	41.0	33.6	SW	14			0	5	Ci St	NW	Pt. Cloudy		[illegible]	17
18	72.0	29.016	.123	28.893	29.82	47.0	[illegible]	46	96	.310	49.0	45.0	S	[illegible]			.22	10	Nb	S	Lt. Rain		Aber. O.	18
19	71.5	29.026	.121	28.905	29.83	41.8	40.3	39	88	.237	47.8	41.8	SW	12			0	0	0	0	Clear		Aber. O.	19
20	66.0	29.234	.108	29.126	30.07	36.3	33.9	30	79	.164	39.2	33.4	NW	12	21	W	.02	10	St Cu	NW	Cloudy		Aber. O.	20
21	68.0	29.542	.114	29.428	30.39	31.4	28.8	25	73	.130	33.8	30.3	SW	6			0	9	St Cu	SW	Cloudy		Aber. O.	21
22	69.0	29.396	.117	29.279	30.23	35.0	32.4	29	76	.157	35.8	34.6	W	8			T	10	St	W	Cloudy		Aber. O.	22
23	68.0	29.122	.112	29.010	29.96	37.7	34.2	29	71	.157	38.0	31.8	SW	16			0	0	0	0	Clear		Aber. O.	23
24	68.0	29.145	.113	29.032	29.98	32.7	30.8	28	81	.150	41.0	30.6	W	16			0	10	St Cu	N	Cloudy		Aber. O.	24
25	68.0	29.363	.113	29.250	30.21	26.8	24.8	21	76	.108	27.0	24.6	W	7			.01	10	Nb	W	Lt. Snow		Aber. O.	25
26	66.0	29.064	.107	28.957	29.92	25.2	23.2	19	75	.098	28.2	22.6	SW	7			0	9	AST	NW	Cloudy		Aber. O.	26
27	67.0	28.752	.109	28.643	29.57	29.4	28.9	28	94	.150	32.0	28.3	SW	7			.01	10	St Cu	W	Cloudy		Aber. O.	27
28	69.0	29.254	.116	29.138	30.09	25.4	23.2	19	73	.098	33.0	25.4	NW	7			T	9	St Cu	N	Cloudy		Aber. O.	28
29	70.0	29.400	.119	29.281	30.24	26.4	24.9	22	82	.113	32.8	26.4	SW	10			0	3	AST	W	Clear		Aber. O.	29
30	68.5	29.320	.115	29.205	30.14	36.9	32.9	27	66	.143	38.8	35.0	S	9			0	6	AST	W	Pt. Cloudy		P. McD.	30
31																								31
Sums		(a)	(a)	875.621	903.91	1189.4	1129.8	1054	2498	6534	(a)	(a)	(a)	277	(a)	(a)	13.4	189	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.187	30.130	39.6	37.7	35.1	83.3	.218	(a)	(a)	(c) SW	9.2	(a)	(a)	(a)	6.3	U a. St. L St. Cu.	U NW L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	73.0	29.115	.125	28.990	29.93	56.0	50.5	46	69	.310	61.0	38.9	E	12			.08	5	Cu	SW	Pt. Cloudy			CCS	1
2	73.5	29.324	.128	29.196	30.13	56.0	53.3	52	84	.387	60.1	34.9	W	10			0	10	StCu	W	Cloudy			CCS	2
3	75.0	29.565	.133	29.432	30.37	56.8	50.8	46	66	.310	58.1	52.0	N	4			0	10	StCu	W	Cloudy			CCS	3
4	77.0	29.441	.138	29.303	30.24	52.0	48.0	44	75	.287	58.2	52.0	SE	7			0	8	Ci St	W	Cloudy			CCS	4
5	72.0	29.160	.124	29.036	29.97	63.0	57.6	54	72	.417	69.0	43.2	SE	10			0	8	AST	W	Cloudy			PWD	5
6	75.5	29.184	.133	29.051	29.98	50.0	47.0	44	81	.287	60.0	40.0	SW	7	31	SW	0	0	0	0	Clear			CCS	6
7	72.0	29.200	.124	29.076	30.02	48.0	45.0	42	80	.266	55.1	38.2	W	11	32	SW	0	0	0	0	Clear			CCS	7
8	71.0	29.347	.121	29.226	30.17	43.7	42.7	42	93	.266	46.2	41.0	NW	9			T	10	Nb	NW	Lt. Rain			CCS	8
9	71.0	29.603	.122	29.481	[illegible]	35.2	34.2	33	91	[illegible]	40.6	34.0	NW	[illegible]			0	3	Cu	NW	[illegible]			[illegible]	9
10	71.5	29.433	.123	29.310	30.26	48.1	44.1	40	73	.247	54.8	33.8	S	7			0	3	AST	NW	Clear			[illegible]	10
11	73.0	29.364	.126	29.238	30.17	54.7	53.7	53	94	.402	60.9	48.0	SW	9			.01	10	St	SW	Cloudy			CCS	11
12	72.5	29.581	.126	29.455	30.40	45.5	45.0	44	96	.287	55.8	45.3	E	20	28	E	.02	10	Nb	E	Lt. Rain	B-DNH E-GWC		PWD	12
13	73.0	29.446	.127	29.319	30.26	46.0	45.0	44	93	.287	46.2	42.0	E	8			.11	10	StCu	E	Cloudy			CCS	13
14	73.0	29.198	.126	29.072	30.00	48.0	47.0	46	93	[illegible]	57.0	48.0	W	[illegible]			.14	9	StCu	SW	Cloudy			CCS	14
15	72.0	29.444	.125	29.319	30.2[illegible]	39.2	36.8	33	81	.187	41.9	35.0	W	8			0	10	StCu	W	Cloudy			CCS	15
16	76.0	29.516	.119	29.397	30.35	41.0	39.8	34	75	.193	47.2	36.0	SW	7			0	0	0	0	Clear			[illegible]	16
17	72.0	29.291	.124	29.167	[illegible]	48.1	42.6	36	63	[illegible]	54.3	39.9	SW	12			T	10	Nb	SW	Lt. Rain			CCS	17
18	72.5	29.055	.124	28.931	28.86	47.8	45.0	42	81	.266	50.7	47.0	SW	7	25	SW	T	2	St Cu	SW	Clear			CCS	18
19	66.0	29.072	.107	28.965	29.90	39.2	36.2	32	76	.180	46.4	39.0	SW	16	23	W	0	10	StCu	W	Cloudy			[illegible]	19
20	69.0	29.465	.117	29.348	30.30	33.8	31.3	28	77	.156	36.6	33.5	W	[illegible]			T	10	StCu	W	Cloudy			CCS	20
21	71.0	29.415	.122	29.293	30.24	35.8	34.0	31	84	.172	39.0	34.4	W	3			T	10	Nb	W	Lt. Snow			CCS	21
22	73.5	29.414	.129	29.285	30.23	33.9	30.9	27	72	.143	37.9	33.9	SW	10			0	0	0	0	Clear			[illegible]	22
23	70.0	29.072	.118	28.954	29.87	41.0	35.8	29	60	.157	52.2	37.7	NW	16	28	SW	0	0	0	0	Clear			[illegible]	23
24	74.5	29.311	.130	29.181	[illegible]	27.0	25.0	21	76	.138	34.9	27.0	NW	12			.01	7	StCu	NW	Pt. Cloudy			[illegible]	24
25	72.0	29.283	.124	29.159	30.11	28.2	26.2	22	77	.113	30.7	26.8	W	7			.01	7	StCu	NW	Pt. Cloudy			[illegible]	25
26	70.0	28.882	.118	28.764	29.70	32.0	30.8	29	88	.157	33.9	25.2	SW	5			T	10	Nb	SW	Lt. Snow			[illegible]	26
27	72.0	28.965	.123	28.842	29.78	33.0	30.5	27	76	.143	36.4	29.4	NW	[illegible]			T	10	Nb	NW	Lt. Snow			[illegible]	27
28	73.0	29.408	.127	29.281	30.24	32.8	29.0	23	63	.118	34.4	25.0	SW	[illegible]			0	2	Cu	W	Clear			CCS	28
29	72.0	29.283	.124	29.159	30.10	38.8	35.0	30	69	.164	43.3	26.4	SW	10	28	SW	0	3	Ci St	W	Clear			P.O.S.	29
30	70.5	29.166	.120	29.046	29.99	55.3	49.3	44	65	.287	56.0	36.4	SW	22	31	SW	T	10	St.	SW	Cloudy			PWD	30
31																									31
Sums		(a)	(a)	875.276	903.54	1309.9	1220.1	1118	2343	7.001	(a)	(a)	(a)	295	(a)	(a)	0.38	197	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.176	30.118	43.7	40.7	37.3	78.1	.233	(a)	(a)	(c) SW	9.8	(a)	(a)	(a)	6.6	Ci St U Cu St U L Sted L	SW & W (a)		(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1922.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	61	39	22	5	50				R	2:10p	4:21p	R	7:46p	10:45p							.46				0	0	0	0	1
2	60	53	7	6	56				R	DNA	DNA										.02				0	0	0	0	2
3	58	52	6	1	55																0				0	0	0	0	3
4	58	46	12	3	52																0				0	0	0	0	4
5	69	42	27	4	56				R	2:40p	9:45p	R	DNP	Cont'd							.48				0	0	0	0	5
6	61	44	17	4	52				R	Cont'd	DNA										.02				0	0	0	0	6
7	55	38	17	6	46				R	DNA	DNA	R	7:12a	8:01a	R	11:43a	12:56p	R	2:00p	2:23p	0				0	0	0	0	7
8	46	40	6	3	43				R	3:00p	4:30p	R	5:50p	7:11p							T				0	0	0	0	8
9	40	34	6	6	37																0				0	0	0	0	9
10	55	32	23	7	44																0				0	0	0	0	10
11	61	42	19	8	52				R	2:40p	3:16p	R	5:30p	6:23p	R	7:10p	9:05p	R	DNP	Cont'd	.02				0	0	0	0	11
12	56	42	14	3	49				R	Cont'd	DNA	R	2:05p	2:20p	R	5:26p	Cont'd				.35				0	0	0	0	12
13	47	41	6	5	44				R	Cont'd	12:14p										.14				0	0	0	0	13
14	57	40	17	4	48				R	DNA	11:50a	R	12:20p	6:10p	R	7:12p	7:[illegible]p				.15				0		0		14
15	42	35	7	10	38																0				0	0	0	0	15
16	47	34	13	2	40																0				0	0	0	0	16
17	54	34	20	4	44				R	6:23p	6:32p	R	9:05p	9:[illegible]p							T				0	0	0	0	17
18	51	43	8	3	47				R	DNA	8:26a										.22				0	0	0	0	18
19	46	33	13	7	40				R	7:07p	7:12p	R5h	DNP	DNP							T				0	0	0	T	19
20	37	32	5	6	34				R	DNA	DNA	R	7:30a	7:58a	Sm	8:55a	5:13p				.02				0	T	0	T	20
21	39	30	9	0	34				R	5:50p	6:18p	Sm	6:15p	7:20p							T				0	T	T	T	21
22	38	32	6	1	35																0				0	T	0	0	22
23	52	34	18	8	43																0				0	0	0	0	23
24	35	25	10	13	30				Sm	8:15a	3:15p										.01				0	0.2	0.1	0.1	24
25	31	25	6	2	28				Sm	DNA	10:10a	Sm	11:28a	11:40a	Sm	12:13p	12:35p				.02				0	0.3	[illegible]	[illegible]	25
26	34	23	11	0	28				Sm	6:35p	DNP										.01				0	T	T	0.1	26
27	36	27	9	4	32				Sm	11:44a	1:05p	Sm	6:46p	7:18p							T				0	0.1	T	T	27
28	34	25	9	2	30																0				0	T	0	0	28
29	43	26	17	4	34																0				0	0	0	0	29
30	56	35	21	12	46				R	5:10p	5:35p	R	7:45p	9:00p							T				0	0	0	0	30
31																													31
S	1459	1078	381	138	1267		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.72		Total excess or deficiency since January 1,		0	0.6	(a)	(a)	(a)
M	48.6	35.9	12.7	4.6	42.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Estimated

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SUMMARY FOR THE MONTH OF [illegible], 1922.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.007.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.187	29.176	29.182	29.481	9	28.630	27	0.851	30.130	30.118	30.124	30.44	9	29.56	27	0.88
Corrected mean		29.175						Corrected mean		30.117					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
39.6	43.7	41.6	37.7	40.7	39.2	48.6	35.9	42.7	69	5	23	26	46	27	5	5	20

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)
35.1	37.3	36.2	83.3	78.1	80.7	.248	.233	.226

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
1	0	9	0

Clouds.
Most frequent clouds St. Cu.
Most frequent direction upper clouds W
Most frequent direction lower clouds W + NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7766	10.8	SW	32	SW	30	1	1	5	3	5	24	13	8	0

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.3	6.6	7.2	29	5	8	17	1	0	12

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	10	4	12	0	0	0	0	0.	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.72	0.50	5"-6"	0			0			6	13	6	2	0	19	7	3	0.6	0

(w) Maximum precipitation in 5 minutes 0.11, date 5; 10 minutes 0.16, date 5; 15 minutes 0.20, date 5; 30 minutes 0.36, date 5; 1 hour 0.42, date 5; 2 hours 0.44, date 5.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Automatic raingage not exposed after 10.30 a.m. of the 20th

* The duration is the time precipitation was actually recorded.

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Prepared by CDS.

P. McDonough, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1922.

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
17	12 00 Noon	11 00 a.m.	69.5	29.395	.118	29.277	30.23	47.8	41.8	35	13	60	47.8	SW	15	20	SW	0	7	Ast	NW	Pt. Cloudy	Request of Chicago	[illegible]	17
18	12 00 Noon	11 00 a.m.	68.0	29.040	.112	28.928	29.87	47.0	40.0	31	16	54	[illegible]	W	24	28	W	-	-	-	-	Clear	Request of Chicago	[illegible]	18
24	12 00 Noon	11 00 a.m.	72.0	29.164	.124	29.040	29.99	34.1	31.6	28	6	77	34.1	NW	17			T	10	Nb	NW	Lt. Snow	Request of Chicago	[illegible]	24
29	2 00 p.m.	1 00 p.m.	72.0	29.259	.124	29.135	30.09	42.0	37.0	30	12	62	42.0	SW	26	26	SW	0	6	ACu	W	Pt. Cloudy	Request of Chicago	[illegible]	29
						Pressure Extreme. Lowest.																			
27	10 00 a.m.	9 00 a.m.				28.630	29.56	32.0																	27

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of November, 1922

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1					189	20	18	2	24	2									231	24
2									44	4	117	8	139	12					300	24
3	57	12											49	7	43	5			149	24
4	11	3	14	5	18	3	53	10	19	3									115	24
5					5	1	54	9	141	13	10	1							210	24
6									22	2	328	20	20	2					370	24
7											235	15	111	9					346	24
8													231	18	58	6			289	24
9	41	7	3	3											86	14			130	24
10			1	1			11	4	54	7	127	12							193	24
11											269	19	19	5					288	24
12			61	3	176	12					20	9							257	24
13					245	23	4	1											249	24
14							8	2	89	8	54	4	92	9	10	1			253	24
15											39	4	165	15	67	5			271	24
16											148	13	91	11					239	24
17									7	1	290	23							297	24
18							9	2	29	5	147	13	62	4					247	24
19									31	4	105	8	219	12					355	24
20													247	20	55	4			302	24
21											54	6	144	17	6	1			204	24
22											88	8	85	10	62	6			235	24
23											200	11	118	6	93	7			411	24
24	21	2											102	10	136	12			259	24
25											15	2	124	12	88	9			227	24
26											237	24							237	24
27	86	9									61	9	11	2	36	4			194	24
28	55	11							8	1	31	5	11	2	38	5			173	24
29											307	24							307	24
30									107	6	321	18							428	24
31																				
SUM.	301	44	79	12	633	59	157	30	575	56	3203	256	2040	184	778	79			7766	720
PERCENTAGE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			a	a
AVG. HOURLY VELOCITY	[illegible]	a	[illegible]	a	[illegible]	a	[illegible]	a	10.3	a	[illegible]	a	[illegible]	a	[illegible]	a		a	10.8	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of December, *192*2.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, 6946; No. of wet thermometer in use, 7731; No. of maximum thermometer in use, 18656; No. of minimum thermometer in use, 14577

†Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date ——; amount of change in height of barometer, —— feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun streets room 911-912 Shoaff Building first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1922

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:22 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.142	.118	29.024	29.93	56.0	54.0	53	88	.402	56.0	52.0	SW	20	32	SW	.04	10	St Cu	SW	Cloudy		CDS	1
2	70.0	29.491	.119	29.372	30.33	30.2	29.0	27	87	.143	38.0	30.2	SW	6			0	9	A St	NW	Cloudy		CDS	2
3	71.5	29.303	.122	29.181	30.12	34.0	32.0	29	81	.157	43.0	34.6	W	6			0	0	0	0	Clear		CDS	3
4	68.0	29.230	.113	29.117	30.06	36.2	32.4	27	67	.143	45.8	33.0	SE	2			0	9	A Cu	NW	Cloudy		CDS	4
5	68.5	29.400	.115	29.285	30.23	27.8	25.0	20	68	.103	46.8	27.8	W	13	27	NW	T	0	0	0	Clear		CDS	5
6	70.5	29.732	.122	29.610	30.58	22.0	20.1	15	73	.081	29.0	22.0	NE	5			0	1	Cu	SW	Clear		CDS	6
7	70.0	29.075	.118	28.957	29.91	32.8	32.8	33	100	.187	32.8	27.6	E	4			.07	10	Nb	E	Lt Rain		CDS	7
8	72.0	28.911	.123	28.788	29.71	51.5	49.0	46	84	.313	60.0	43.2	W	17			.10	10	St	W	Cloudy		CDS	8
9	72.0	29.531	.125	29.406	30.38	22.7	21.0	17	77	.089	28.4	22.7	N	6			0	6	A St	W	Pt. Cloudy		CDS	9
10	67.0	29.685	.112	29.573	30.54	19.2	18.6	17	91	.089	27.8	19.2	E	6			0	Few	Cu	E	Clear		CDS	10
11	68.0	29.304	.113	29.191	30.14	30.0	28.0	25	78	.130	31.2	28.6	S	10			0	5	A St	W	Pt. Cloudy		CDS	11
12	65.0	29.373	.105	29.268	30.23	14.0	11.8	4	60	.047	42.4	14.0	W	25	29	W	0	2	Cu	W	Clear		CDS	12
13	66.0	29.673	.109	29.564	30.55	11.1	10.1	6	79	.052	12.7	8.9	SW	14			0	8	A St	NW	Cloudy		CDS	13
14	67.0	29.100	.120	28.990	29.95	20.8	20.3	19	93	.098	23.8	19.9	E	7			.11	10	Nb	E	Lt. Snow		CDS	14
15	67.0	29.224	.110	29.114	30.07	15.1	14.0	11	81	.066	25.0	15.1	W	15			T	10	Nb	W	Lt. Snow		CDS	15
16	70.0	29.452	.119	29.333	30.31	6.2	4.4	-5	55	.029	12.0	2.6	SW	3			0	6	Cu	W	Pt. Cloudy		CDS	16
17	68.5	29.252	.115	29.137	30.10	24.0	23.0	21	87	.108	27.0	23.7	NE	4			.20	10	St	NE	Cloudy		CDS	17
18	64.0	29.748	.104	29.644	30.63	-2.8	-3.6	-10	70	.022	18.1	-4.0	W	7			0	9	Cu	NW	Cloudy		CDS	18
19	69.0	29.651	.118	29.533	30.52	5.0	3.5	-4	61	.031	7.9	3.0	SW	5			0	Few	Cu	SW	Clear		CDS	19
20	69.5	29.285	.117	29.168	30.13	28.0	26.4	24	81	.124	28.0	20.2	S	15			0	10	St	SW	Cloudy		CDS	20
21	70.5	29.234	.120	29.114	30.07	24.6	22.8	19	77	.098	30.2	24.1	W	2			0	10	St	N	[illegible]		[illegible]	21
22	70.0	29.107	.118	28.989	29.95	26.0	24.2	21	78	.113	27.6	24.7	SW	11			0	3	Cu	SW	Clear		[illegible]	22
23	71.0	28.968	.120	28.848	[illegible]	32.0	30.0	27	79	.143	37.4	32.5	W	[illegible]			T	2	Cu	SW	Clear		[illegible]	23
24	72.0	29.235	.124	29.111	30.06	33.1	32.0	3[illegible]	[illegible]	[illegible]	34.2	33.1	SW	10			T	10	St	SW	Cloudy		[illegible]	24
25	73.0	29.060	.125	28.935	29.89	25.0	25.0	25	100	.130	34.7	23.6	SE	2			T	10	Densestratus	SE	Fog		[illegible]	25
26	72.0	29.147	.124	29.023	29.96	36.2	34.9	33	87	.187	41.8	36.2	SW	5			0	3	Cu	SW	Clear		[illegible]	26
27	74.0	29.136	.129	29.007	29.96	33.7	32.1	30	85	.164	38.6	33.7	NE	17			.10	10	St Cu	E	Cloudy		[illegible]	27
28	71.0	29.014	.120	28.894	29.84	31.2	30.6	30	94	.164	32.2	30.0	NE	13	[illegible]	[illegible]	.18	10	St	N	Cloudy		[illegible]	28
29	73.0	29.450	.127	29.323	30.28	24.0	22.8	20	85	.103	25.7	22.7	S	3			0	10	St	S	Cloudy		[illegible]	29
30	75.0	29.321	.132	29.189	30.15	25.5	24.1	22	83	.113	28.9	25.5	SE	7			0	8	Cu	S	Cloudy		[illegible]	30
* 31	70.0	28.865	.117	28.748	29.68	42.8	42.0	41	94	.256	42.8	39.4	S	20			.46	10	Nb	S	Lt Rain		CDS	31
Sums		(a)	(a)	904.436	934.08	817.9	772.3	674	2574	4.049	(a)	(a)	(a)	298	(a)	(a)	1.26	201	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.175	30.132	26.4	24.9	21.7	81.1	.131	(a)	(a)	(a) SW	9.6	(a)	(a)	(a)	6.5	U Ci. St. L Cu.	U NW L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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* observation taken one hour late, or at 9 a.m. 75th meridian time; conditions remained practically unchanged.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 192-

Number of Station barometer, 6.5.6; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:12 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.0	29.462	.130	29.332	30.27	38.0	33.3	27	61	.143	56.0	38.0	W	10	22	NW	T	0	0	0	Clear			PMO	1
2	77.0	29.302	.137	29.165	30.10	43.0	36.9	29	55	.157	47.2	36.2	SE	3			0	8	ACu	SW	Cloudy			PMO	2
3	69.0	29.334	.116	29.218	30.16	45.8	38.0	27	47	.143	52.8	34.0	W	5			0	2	ACu	NW	Clear			CMS	3
4	73.5	28.854	.126	28.728	29.66	42.0	42.0	42	100	.266	43.2	35.0	E	3			.78	10	Nb	E	Lt. Rain			PMO	4
5	75.0	29.626	.134	29.492	30.45	29.0	25.6	19	62	.098	34.4	26.4	W	8			0	0	0	0	Clear			PMO	5
6	75.0	29.522	.133	29.389	30.36	28.8	25.4	19	62	.098	33.6	22.0	E	10			0	6	ASt	W	Pt. Cloudy	B-9:40a E-9:50a	B-9:15a E-9:42a	PMO	6
7	75.0	28.982	.131	28.851	29.78	43.2	43.2	43	100	.277	48.3	32.8	E	3			.14	10 6	Nb Hfog	E E	Lt. Rain	E-5:42a E-5:30p	E-9:42a	PMO	7
8	76.0	29.340	.134	29.206	30.15	28.4	25.4	19	66	.098	51.5	28.4	NW	12	25	NW	0	0	0	0	Clear			PMO	8
9	73.0	29.550	.127	29.423	30.39	27.8	25.3	21	71	.108	30.0	22.7	NE	9			0	10	St	NE	Cloudy			PMO	9
10	73.0	29.599	.127	29.472	30.44	31.2	28.3	23	70	.118	34.7	18.7	SE	3			0	3	Ci St	W	Clear			CMS	10
11	72.5	29.092	.124	28.968	29.92	42.4	39.2	35	76	.203	44.0	30.0	SW	4			0	10	St	SW	Cloudy			CMS	11
12	69.0	29.618	.117	29.501	30.48	12.7	10.3	0	53	.038	14.8	11.9	W	14	30	W	0	0	0	0	Clear			PMO	12
13	69.0	29.460	.117	29.343	30.32	23.8	21.3	16	68	.085	23.8	11.1	S	3			0	10	St	S	Cloudy			PMO	13
14	72.0	29.014	.123	28.891	29.85	24.0	23.0	21	87	.108	24.9	20.8	E	5			.40	10	StCu	E	Cloudy			PMO	14
15	71.5	29.420	.123	29.297	30.28	12.0	10.6	6	72	.052	20.7	12.0	SW	8			T	0	0	0	Clear			PMO	15
16	73.0	29.352	.126	29.226	30.20	27.0	25.8	24	86	.124	30.0	4.6	NE	6			T	10	Nb	NE	Lt. Snow			PMO	16
17	67.0	29.569	.111	29.458	30.43	18.1	17.1	14	84	.077	30.2	18.1	NW	16			T	3	St	NW	Clear			CMS	17
18	72.0	29.723	.126	29.597	30.60	7.9	6.3	-1	63	.036	13.8	-2.8	SW	8			0	0	0	0	Clear			PMO	18
19	73.0	29.530	.127	29.403	30.38	20.2	17.2	8	56	.057	22.0	4.6	SE	5			0	6	ASt	W	Pt. Cloudy			PMO	19
20	72.0	29.280	[illegible]	[illegible]	[illegible]	30.0	27.0	22	65	.112	37.0	28.0	NE	8			0	8	ASt	NE	Cloudy			[illegible]	20
21	74.0	29.072	.128	28.944	[illegible]	27.6	26.1	24	82	.124	5[illegible].0	24.6	[illegible]	[illegible]			0	10	StCu	SW	Cloudy			[illegible]	21
22	73.5	29.100	.127	28.973	29.92	36.0	33.[illegible]	30	77	.164	39.3	24.0	[illegible]	[illegible]			T	10	Nb	SW	Lt. Rain			[illegible]	22
23	75.0	29.232	.132	29.100	30.05	37.2	33.2	32	[illegible]	[illegible]	35.0	31.0	SW	7			0	10	St	SW	Cloudy			[illegible]	23
24	73.0	29.049	.127	28.922	29.87	41.0	33.0	32	70	.133	35.[illegible]	6.[illegible]	S	3			0	10	St	SW	Cloudy			[illegible]	24
25	73.0	29.037	.125	28.912	29.[illegible]	39.1	37.0	34	85	.195	42.4	29.0	SW	13			0	1	StCu	SW	Pt. Cloudy	B-4:30a E-4:[illegible]	B-DNA E-4:30a	[illegible]	25
26	77.0	29.170	.137	29.033	29.98	38.0	35.7	32	8[illegible]	[illegible]	43.4	36.2	E	9			0	8	ASt	SW	Cloudy			[illegible]	26
27	76.5	29.000	.134	28.866	29.82	32.2	31.7	31	95	.172	34.0	32.2	NE	22	45	NE	.54	10	Nb	NE	Lt. Rain			[illegible]	27
28	77.0	29.270	.137	29.133	30.10	35.7	29.[illegible]	23	[illegible]	.118	3[illegible].8	25.[illegible]	[illegible]	[illegible]			T	10	St	[illegible]	Cloudy			[illegible]	28
29	75.5	29.440	.129	29.312	30.27	28.9	26.3	22	71	.113	30.6	24.0	SE	6			0	10	St	SE	Cloudy			[illegible]	29
30	75.0	29.160	.132	29.028	29.98	39.4	35.9	31	72	.172	41.9	25.5	S	10			6	6	CiSt	W	Pt. Cloudy			PMO	30
31	70.5	28.960	.119	28.841	29.78	30.2	27.2	22	68	.113	45.8	30.7	W	13			T	10	St.	W	Cloudy			PJS	31
Sums		(a)	(a)	904.220	933.88	940.6	865.4	727	2304	4.110	(a)	(a)	(a)	289	(a)	(a)	1.86	207	(a)	(a)	(a)	2	2	(a)	(a)
Means		(a)	(a)	29.168	30.125	30.3	27.9	23.5	74.3	.133	(a)	(a)	(c) SW	9.3	(a)	(a)	(a)	6.7	U St L St.	U W L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of [illegible], 192[illegible]

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	56	33	23	2	44				R	DNA	DNA	R	7:28a	7:36a											0	0	0	0	1
2	47	30	17	6	38																0				0	0	0	0	2
3	53	34	19	6	44																0				0	0	0	0	3
4	47	33	14	4	40				R	10:05a	8:24p										.78				0	0	T		4
5	40	26	14	7	33																0				0	0	0	0	5
6	34	22	12	5	28																0				0	0	0	0	6
7	56	30	26	15	43				R	2:00a	7:58a	R	5:00p	DNP							.31				0	0	0	0	7
8	60	25	35	1	42																0				0	0	0	0	8
9	30	23	7	16	26																0				0	0	0	0	9
10	35	19	16	1	27																0				0	0	0	0	10
11	44	29	15	9	36																0				0	0	0	0	11
12	38	10	28	12	24																0				0	0	0	0	12
13	24	9	15	8	16				S^m	9:16p	Cont'd										T				0	0	0	T	13
14	25	20	5	6	22				S^m	Cont'd	11:45a										.51				0	6.0	6.0	.51	14
15	24	8	16	6	16				S^m	6:00a	2:15p										T				0	T	6.0	T	15
16	[illegible]	3	[illegible]	[illegible]	[illegible]				S^m	6:25p	Cont'd										.19				0	T	5.9	.19	16
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				S^m	Cont'd	2:00a	S^m	7:25a	11:15a	S^m	12:43p	1:57p	S^m	3:36p	6:10p	.01				0	2.3	5.7	.01	17
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]																0				0	0	5.4	0	18
19	[illegible]	3	[illegible]	[illegible]	[illegible]																0				0	0	5.0	0	19
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]																[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	20
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]																0				0	0	2.7	0	21
22	39	25	14	4	32				[illegible]	6:05a	[illegible]										[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	22
23	37	31	6	2	34				R	8:48p	[illegible]										[illegible]				0	0	1.2	[illegible]	23
24	35	32	3	5	34				[illegible]	[illegible]	[illegible]										T				0	0	0.5	[illegible]	24
25	42	24	18	1	33																0				0	0	0.4	0	25
26	43	35	8	6	39				R	9:30p	[illegible]										0				0	0	0.1	0	26
27	35	31	4	5	33				R	7:32a	9:00p	H+Sl	9:00p	Cont'd							.65				0	0	T	0	27
28	31	24	7	5	28				R+Sl	Cont'd	1:00a	S^m	[illegible]	[illegible]	S^m	10:30a	[illegible]				[illegible]				0.1	0.2	0.2	.02	28
29	31	23	8	1	27																0				0	0	0.1	0	29
30	42	26	16	7	34				R	DNP	Cont'd										[illegible]				0	0	T	0	30
31	46	27	19	2	36				R	Cont'd	2:40p										.35				0	0	0	0	31
S	1160	684	476	178	919		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.12		Total excess or deficiency since January 1,		0.1	8.5	(a)	(a)	(a)
M	37.4	22.1	15.4	5.7	29.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Ø Estimated.

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SUMMARY FOR THE MONTH OF December, 1921

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean ---.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.175	29.168	29.172	29.690	18	28.690	31	1.000	30.132	30.125	30.128	30.71	18	29.61	31	1.10
Corrected mean		29.166						Corrected mean		30.122					

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
26.4	30.3	28.4	24.9	27.9	26.4	37.4	22.1	29.8	60	8	-4	18	64	35	8	3	24

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative Humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor Pressure. 8 a.m.	8 p.m.	Monthly. (g)
21.7	23.5	22.6	81.1	74.3	77.7	.131	.133	.132

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
11	0	27	1

CLOUDS.

Most frequent clouds Stratus

Most frequent direction upper clouds W

Most frequent direction lower clouds SW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7502	10.1	SW	30	W	12	3	7	8	8	7	14	12	3	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.5	6.7	6.9	32	6	7	18	0	1	10

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	20	30	7, 25	7, 25	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.12	0.78	4"	0	0	0	0	0	0	5	11	10	5	0	16	6	4	8.5	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
			Automatic raingage not exposed during the month.																	

* The duration is the time precipitation was actually recorded.

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Prepared by CCS

C. M. Donough, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible], 192[illegible]

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extremes of Pressure																	
									Highest																
18"	11 00 a.m.	10 00 a.m.				29.690	30.71	3.0																	18"
									Lowest																
31"	1 00 pm	12 noon				28.690	29.61	46.0																	31"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of December, 1922

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											176	8	226	16					402	24
2							30	7	37	6	29	4	27	7					123	24
3			4	1	4	1			9	1	38	4	124	17					179	24
4			4	1	125	14	43	5					19	1	62	3			253	24
5													226	19	55	5			281	24
6	13	3	6	1	123	14	23	3					8	2	5	1			178	24
7					65	11	16	4	8	1	55	8							144	24
8											112	6	87	5	161	13			360	24
9	79	9	88	9											42	6			209	24
10			34	6	32	6	59	11	7	1									132	24
11							55	7	97	7	166	9	21	1					339	24
12													413	23	23	1			436	24
13					24	3	5	1	7	2	141	15	36	3					213	24
14			63	10	76	10							24	4					163	24
15											67	8	143	12	43	4			253	24
16			38	4	34	5	3	1	56	8	31	6							162	24
17	14	3	57	5							29	3	45	5	104	8			249	24
18											120	16	58	8					178	24
19							27	4	120	13	29	7							176	24
20	5	1							77	5	157	10	35	3	34	5			308	24
21	14	4	23	5					6	1	146	12	25	2					214	24
22									68	5	181	16	30	3					279	24
23									22	2	103	11	109	11					234	24
24							37	9	18	2	112	13							167	24
25							11	7			160	17							171	24
26			94	10	31	4					73	10							198	24
27			434	24															434	24
28	212	17	84	7															296	24
29			17	4	3	1	130	19											150	24
30							73	10	167	14									240	24
31									154	10	55	3	172	11					381	24
SUM.	337	37	946	87	517	69	512	88	853	78	1980	186	1828	153	529	46			7502	744
PERCENTAGE	5	5	13	12	7	9	7	12	11	10	26	25	24	21	7	6			a	a
AVG. HOURLY VELOCITY	9.1	a	10.9	a	7.5	a	5.8	a	10.9	a	10.6	a	11.9	a	11.5	a		a	10.1	a

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Form No. 1002—Met'l.

U. S. Department of Agriculture,
WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

1922

STATION

Fort Wayne, Indiana

LOCATION OF OFFICE DECEMBER 31, 1922

Street, Corner of Berry & Calhoun

Number, Shoaff Building

Room, S. 911-912

SUM OF BAROMETER CORRECTIONS.

From 8.00 a. m. Jan. 1 to 8.00 p. m. Dec. 31, inc., .009 in.

From ..... m. ..... to ..... m. ....., inc., ... in.

From ..... m. ..... to ..... m. ....., inc., ... in.

NOON, LOCAL MEAN TIME, OBSERVATION.

AVERAGES.

Month.	Temperature. Dry. (d)	Temperature. Wet. (d)	Dew-Point. (e)	Relative Humidity. (e)	Vapor Pressure. (c)	Clouds. Amount. (d)	Clouds. Most Frequent Kind, Upper.	Clouds. Most Frequent Kind, Lower.	Clouds. Most Frequent Direction of Upper.	Clouds. Most Frequent Direction of Lower.
Jan.,	26.4	23.7	18	68	.105	5.0	a.st	st.cu.	W	W
Feb.,	32.6	29.9	25	73	.144	7.1	a.st	cu.	NW	NW
Mar.,	41.6	37.1	31	68	.181	7.2	a.st	Nb	W NW	E
Apr.,	55.0	47.4	39	58	.260	6.5	a.st	cu.	W	SW
May,	71.0	61.2	54	59	.441	5.8	a.st	cu	W NW	NW
June,	77.1	64.1	56	50	.467	5.2	a.st.	cu.	NW	W
July,	78.1	66.3	60	54	.531	6.1	a.st	cu.	W NW	SW NW
Aug.,	79.1	64.7	56	47	.459	5.2	a.st	cu.	W NW	NW
Sept.,	75.6	61.9	53	47	.424	3.1	a.st.	cu.	NW	SW W
Oct.,	61.9	52.0	43	55	.296	4.9	a.st	cu.	NW	NW
Nov.,	46.6	42.5	38	72	.244	7.8	a.st.	st.cu	W NW	NW
Dec.,	32.0	29.2	24	73	.138	6.7	a.st	st.	W NW	SW
Sum,	677.0	580.0	497	724	3.690	70.6	-	-	-	-
Mean,	56.4	48.3	41	60	.308	5.9	a.st	cu.	NW	NW

(d) To tenths. (e) To whole numbers. (c) To thousandths.

ANNUAL METEOROLOGICAL SUMMARY FOR 1922.—STATION Fort Wayne, Indiana

Latitude N. 41° 5′ Longitude W. 85° 10′ Local time — h. 41 min. (t) Slower than 75th meridian normal time.

MONTH.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea Level, 856 Feet. Mean. 8 a. m. (c) In.	8 p. m. (c) In.	Corrected monthly. (c) In.	Highest observed. (c) In.	Date.	Lowest observed. (c) In.	Date.	Absolute range. (c) In.	CORRECTED MONTHLY SEA-LEVEL PRESSURE. In.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet. Mean. 8 a. m. (d) °	8 p. m. (d) °	From Self-Registering Instruments. Mean. Max. (d) °	Min. (d) °	Monthly. (d) °	Highest. (e) °	Date.	Lowest. (e) °	Date.	Range. Absolute. (e) °	Mean daily. (d) °	Mean daily change. (d) °
Jan.,	29.254	29.250	29.247	29.830	24	28.640	4	1.190	30.215	18.3	25.7	31.5	14.3	22.9	56	4	−6	25	62	17.2	6.1
Feb.,	29.180	29.175	29.173	29.740	28	28.580	2	1.160	30.128	27.2	32.1	37.8	23.5	30.6	67	22	10	16	57	14.4	7.2
Mar.,	29.158	29.117	29.133	29.600	1	28.300	19	1.300	30.078	34.0	41.2	46.3	31.5	38.9	71	25	20	1	51	14.7	6.3
Apr.,	29.155	29.114	29.129	29.497	28	28.260	11	1.237	30.061	45.6	54.6	60.1	41.6	50.8	78	10	29	1	49	18.5	4.9
May,	29.079	29.032	29.051	29.465	1	28.370	19	1.095	29.969	59.4	67.3	74.5	54.6	64.6	86	11	41	1	45	19.9	3.1
June,	29.113	29.060	29.082	29.310	25	28.788	11	0.522	29.994	66.2	75.4	80.8	60.7	70.8	95	24	52	4	43	20.1	4.3
July,	29.144	29.101	29.119	29.400	13	28.860	7	0.540	30.031	67.4	76.2	81.9	62.3	72.1	90	10	51	5	39	19.6	3.3
Aug.,	29.131	29.078	29.100	29.365	14	28.660	25	0.705	30.012	65.9	75.9	82.2	61.0	71.6	95	17	53	27	42	21.2	2.9
Sept.,	29.227	29.173	29.195	29.510	25	28.940	1	0.570	30.114	60.4	71.9	79.5	57.2	68.4	96	8	41	26	55	22.3	4.2
Oct.,	29.126	29.085	29.100	29.497	13	28.630	7	0.867	30.028	48.3	58.1	65.4	45.6	55.5	88	2	32	19	56	19.8	5.0
Nov.,	29.187	29.176	29.175	29.481	9	28.630	27	0.851	30.117	39.6	43.7	48.6	35.9	42.2	69	5	23	26	46	12.7	4.6
Dec.,	29.175	29.168	29.166	29.690	18	28.690	31	1.000	30.122	26.4	30.3	37.4	22.1	29.8	60	8	−4	18	64	15.4	5.7
				a	a	a	a								a	a	a	a			
Sum.,	349.929	349.529	349.670	Highest.	Date.	Lowest.	Date.	11.037	360.869	558.7	651.9	726.0	510.3	618.2	Max.	Date.	Min.	Date.	609	215.8	57.6
Mean,	29.161	29.127	29.139	29.830	Jan, 24	28.260	Apr, 11	0.920	30.072	46.6	54.3	60.5	42.5	51.5	96	Sept 8	−6	Jan, 25	51	18.0	4.8

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster" or "slower," as the case may be.

8—2"z

MONTH.	TEMPERATURE. Number of Days. Max. 32° or below.	Max. 90° or above.	Min. 32° or below.	DEW-POINT. Mean. 8 a.m. (e)	8 p.m. (e)	Monthly. (e)	RELATIVE HUMIDITY (Percentage). Mean. 8 a.m. (e)	8 p.m. (e)	Monthly. (e)	VAPOR PRESSURE. Mean. 8 a.m. (c)	8 p.m. (c)	Monthly. (c)	PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, 1907 Feet. Total Amount.	Greatest Amount in any 24 Consecutive Hours. Amt.	Date.	Excessive. 2.50 inches in 24 hours. (g) (h) Amt.	Duration (h. & m.)	Date.	1 inch per hour. (g) Amt.	Duration (h. & m.)	Date.	SNOWFALL (total depth).
				°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	18	0	30	14	18	16	84	73	79	.089	.106	.098	1.72	0.81	4	0			0			11.4
Feb.,	9	0	23	22	25	24	80	75	78	.128	.144	.136	0.87	0.33	1	0			0			2.5
Mar.,	2	0	18	29	32	31	81	72	77	.163	.193	.178	6.03	1.44	29 30	0			0			4.9
Apr.,	0	0	1	38	42	40	76	64	70	.246	.284	.265	3.99	1.35	10-11	0			0			0.1
May,	0	0	0	53	55	54	81	66	74	.415	.440	.428	3.84	1.38	18-19	0			0			0
June,	0	2	0	57	58	57	73	57	65	.479	.492	.486	1.85	0.87	9-10	0			0			0
July,	0	0	0	61	59	60	81	57	69	.549	.511	.530	4.08	1.91	10-11	0			0			0
Aug.,	0	4	0	59	57	58	78	53	66	.501	.476	.488	1.56	0.45	29	0			0			0
Sept.,	0	7	0	54	54	54	80	56	68	.440	.449	.444	1.70	1.26	10-11	0			0			0
Oct.,	0	0	1	43	45	44	82	64	73	.293	.311	.302	2.62	1.74	6-7	0			0			0
Nov.,	1	0	9	35	37	36	83	78	81	.218	.233	.226	1.72	0.50	5-6	0			0			0.6
Dec.	11	0	27	22	24	23	81	74	78	.131	.133	.132	3.12	0.78	4	0			0			8.5
Sum.,	41	13	109	487	506	497	960	788	878	3.652	3.772	3.713	33.10	a	a	a	a	a	a	a	a	28.0
Mean,	a	a	a	41	42	41	80	66	73	.304	.314	.309	a	1.91	July 10-11	a	a	a	a	a	a	a

g No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. h The duration is the time precipitation was actually recorded.

Station Fort Wayne, Indiana

Month.	Mean Cloudiness. (0 to 10.) 8 a.m. (d)	8 p.m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	5.5	4.3	5.1	164.7	298.2	55	7813	SW	42	SW	4	1	1	11	8	7	4	15	14	2	0	12	8	11	8	6	10	6	0	2	0	0
Feb.,	6.9	7.3	7.3	144.9	298.2	49	7760	SW	43	SW	23	2	5	3	6	3	7	10	9	13	0	2	9	17	9	7	14	4	0	0	0	0
Mar.,	7.3	6.9	7.0	135.3	370.8	36	8477	E	36	SW	19	0	10	7	13	5	7	6	7	7	0	7	5	19	18	17	7	4	0	0	2	0
April,	6.7	6.1	6.7	244.6	399.9	61	7642	SW	56	S	17	4	6	9	10	9	4	12	6	4	0	5	9	16	14	10	2	1	1	0	5	0
May,	5.2	6.0	5.6	342.6	449.0	76	5470	E	36	S	6	0	3	3	23	9	8	4	6	6	0	10	9	12	12	9	0	0	0	0	11	0
June,	5.0	4.1	5.0	347.5	452.0	77	5558	SW	27	SW	9	0	6	13	10	2	4	15	4	6	0	8	16	6	7	7	0	0	1	0	7	0
July,	5.6	5.4	5.4	291.2	458.3	64	5879	SW	55	SW	10	1	11	5	9	2	11	11	6	7	0	8	15	8	10	8	0	0	0	0	6	0
Aug.,	4.3	4.8	5.1	290.3	426.9	68	4960	E	31	SW	18	0	9	5	16	6	5	8	1	11	1	7	20	4	9	6	0	0	0	0	4	0
Sept.,	3.1	3.1	3.3	290.4	374.0	78	4971	SW	27	SW	8	0	6	14	10	5	6	15	1	3	0	16	12	2	6	5	0	0	0	1	5	0
Oct.,	5.8	3.2	4.9	204.5	344.1	59	6324	SW	30	NW	11	0	6	2	13	3	10	16	5	6	1	13	9	9	8	7	0	0	0	1	0	0
Nov.,	6.3	6.6	7.2	84.9	297.0	29	7766	SW	32	SW	30	0	1	1	5	3	5	24	13	8	0	5	8	17	13	6	7	3	0	0	0	0
Dec.,	6.5	6.7	6.9	91.1	287.3	32	7502	SW	30	W	12	0	3	7	8	8	7	14	12	3	0	6	7	18	11	10	6	4	0	2	0	0
Sum,	68.2	64.5	69.5	2631.5	4455.7	684	80122	a	a	a	a	8	67	80	131	62	78	150	84	76	2	99	127	139	125	98	46	22	2	6	40	0
Mean,	5.7	5.4	5.8	219.3	371.3	57	a	j SW	j 56	j S	j Apr. 17	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 40 miles per hour and over. j One entry only. * From sunrise to sunset.

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Standard of normal time in local use, 90th meridian.

MONTH.	WIND. Mean Hourly Velocity. 1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	12 Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	12 Mid't.	For the Month.
Jan.,	9.2	9.3	9.2	9.6	9.8	9.1	9.5	9.9	11.0	12.0	12.0	12.8	12.9	13.5	12.6	11.6	10.6	9.6	9.4	9.6	10.0	9.7	9.6	9.5	10.5
Feb.,	10.2	10.2	9.9	10.4	10.3	10.6	10.3	11.2	12.4	12.8	13.7	14.0	14.1	13.9	13.2	13.1	12.5	11.8	11.0	10.6	10.2	9.9	10.2	10.5	11.5
Mar.,	9.7	10.1	9.9	10.1	10.2	10.3	10.7	11.8	12.4	12.6	13.4	13.5	13.9	13.4	12.9	12.7	11.8	10.2	10.1	11.2	11.0	10.9	10.5	10.3	11.4
April,	9.7	10.3	10.1	9.6	9.9	9.1	9.2	10.2	11.3	12.2	12.8	13.2	13.6	12.8	12.4	12.6	11.3	9.3	8.4	8.8	9.3	9.6	9.6	9.3	10.6
May,	5.8	5.8	5.4	5.6	5.5	6.5	6.3	7.1	8.1	8.8	9.3	9.8	9.5	9.2	10.2	10.0	9.1	7.8	6.4	5.9	5.7	6.2	6.2	6.3	7.4
June,	5.8	5.3	5.4	5.4	5.7	6.1	7.3	7.9	8.7	9.4	9.6	9.6	10.1	10.6	10.7	9.7	9.8	8.7	7.3	6.8	6.3	6.6	6.3	6.2	7.7
July,	5.5	5.6	5.5	5.6	5.5	6.3	7.1	8.5	9.3	10.7	11.1	11.0	11.0	11.4	11.3	10.4	9.5	8.6	6.9	5.6	5.7	5.8	5.6	5.8	7.9
Aug.,	5.4	5.2	5.1	5.4	5.2	5.2	5.5	6.0	6.9	7.6	8.4	8.3	8.8	8.8	8.6	8.4	8.1	7.1	5.9	6.3	6.1	6.2	5.7	5.9	6.7
Sept.,	5.0	5.4	5.4	6.1	5.9	6.0	5.9	6.6	7.8	8.2	8.8	9.4	9.4	9.2	9.2	8.4	7.7	6.5	6.1	6.0	5.9	5.6	5.8	5.3	6.9
Oct.,	7.3	7.6	7.2	7.3	6.8	7.0	6.6	7.8	8.5	9.4	9.8	10.5	10.9	10.9	11.2	10.5	8.9	7.6	7.9	8.4	8.5	7.9	7.8	7.7	8.5
Nov.,	8.4	8.4	8.4	8.9	9.6	9.5	9.6	10.6	11.7	12.8	14.0	14.4	14.2	13.7	13.0	11.9	10.8	10.7	10.1	10.0	10.4	9.8	9.6	9.2	10.8
Dec.,	10.5	9.9	9.6	9.5	9.7	9.4	9.5	9.7	9.7	10.5	10.9	11.5	11.9	11.5	11.3	10.3	9.3	9.4	9.6	9.5	9.6	9.5	10.0	9.7	10.1
Sum,	92.5	93.1	91.1	93.5	94.1	95.1	97.5	107.3	117.8	127.0	133.8	138.0	140.3	138.9	136.6	129.6	119.4	106.8	99.1	98.7	98.7	97.7	96.9	95.7	110.0
Mean,	7.7	7.8	7.6	7.8	7.8	7.9	8.1	8.9	9.8	10.6	11.2	11.5	11.7	11.6	11.4	10.8	10.0	8.9	8.3	8.3	8.3	8.1	8.1	8.0	9.2

Station Fort Wayne Ind. Standard of normal time in local use, 90th meridian.

MONTH.	MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)																								FOR THE MONTH.
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	
Jan.,																									
Feb.,																									
Mar.,																									
April,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by Clk

Charles O. Schuck
Observer, *Weather Bureau.*
Temporarily in Chg.

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Standard of normal time in local use, 90th meridian.

MONTH.	WIND—NUMBER OF MILES AND LENGTH OF TIME FROM—																			
	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.
January,																				
February,																				
March,																				
April,																				
May,																				
June,																				
July,																				
August,																				
September,																				
October,																				
November,																				
December,																				
Sum,																				
Percentage,																				
Average hourly velocity,		a		a		a		a		a		a		a		a		a		a

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort [illegible], Iowa, (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	20	19	18	18	17	18	18	18	19	18
State of weather: Nature of precipitation and time of beginning and ending			S9E DNA S9B DNA									
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	7:06 Cloudy											
Moonrise:	8:58 a											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NW	NW	NW	NW	W	W	W	W	NW	NW	NW	W
Wind movement	15	18	19	20	20	18	19	15	16	17	16	18
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	18	17	15	14	15	15	14	13	12	14
State of weather: Nature of precipitation and time of beginning and ending				S9E 3.45								
Amounts of precipitation	—	—	—	—								
Cloudiness and other conditions	Cloudy			Pt. Cloudy			Clear					
Sunset: Time, Character,									4:33 Cloudy			
Moonset:									8:00 p			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	NW	NW	W	W	W	W	W	W	W	W
Wind movement	19	19	19	17	14	12	9	10	9	7	8	8
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	12	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind 362

Average hourly velocity, 15.1 Extreme velocity, 27

Maximum velocity, 23 Direction, NW

Time began, 11:07 a.m.

Reduced barometer, 30.15 7 a. m. 30.36 7 p. m.

River gage, 3.5 Feet

Relative humidity, 90 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

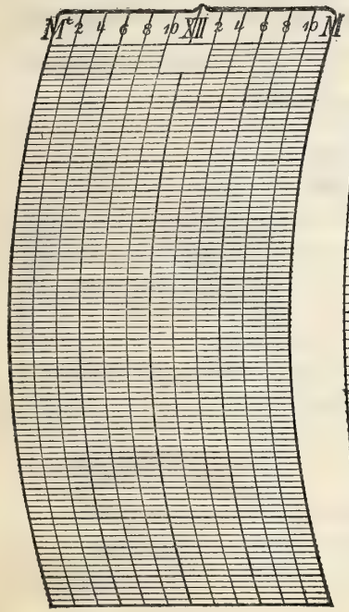
Dry temperature, 18.8 Wet temperature, 17.2

Dew-point, 13 R. humidity, 75 V. pressure, .074

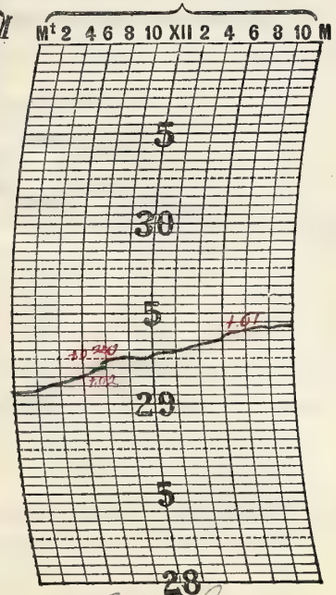
Clouds: Amount, 8; Kind, St Cu; Direction, W

Velocity of clouds (miles per hour)

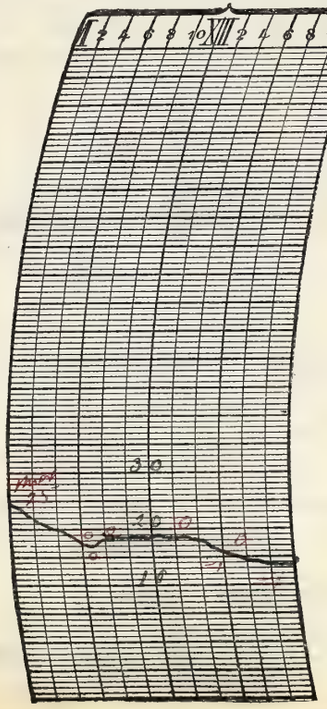
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cold snow day.

Prepared by

Verified by C. M. Hanaugh

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	14	15	15	16	16	16	16	18	19	21	24	27
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy			→ × Pl. Cloudy		
Sunshine (in tenths of hours)								0	0	0	0.1	1.0
Wind direction	W	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	7	6	8	7	7	7	7	8	10	11	13	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	29	29	28	27	25	28	29	31	33	33
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×		Clear					
Sunshine (in tenths of hours)	1.0	0.7	0	0	0							
Wind direction	S	S	S	S	S	SE	SE	S	S	S	S	S
Wind movement	12	12	11	11	13	10	9	12	13	15	15	12

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 9:29 a
Sunset: Time, 4:24 Character, Cloudy
Moonset: 8:57 p

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

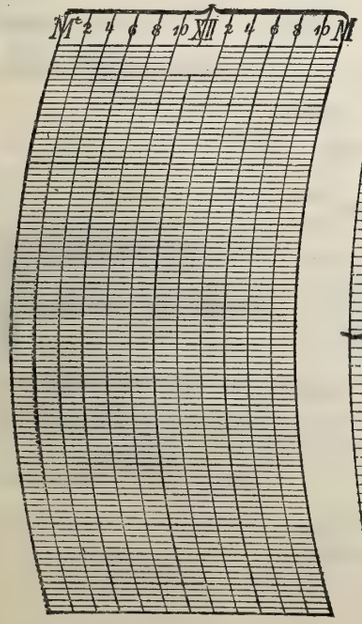
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	14	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pl. Cloudy Moon phase,
Average daily cloudiness (0–10), 7
Actual sunshine, hours, 2.8 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 30
Prevailing wind direction, S Total wind 276
Average hourly velocity, 11.5 Extreme velocity, 25
Maximum velocity, 30 Direction, S
Time began, 1:31 p m
Reduced barometer, 30.40 7 a. m. 30.12 7 p. m.
River gage, 2.6 Feet
Relative humidity, 82 7 a. m. 70 7 p. m.

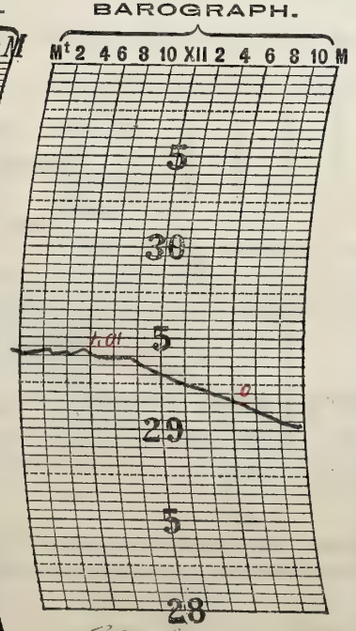
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 26.7 Wet temperature, 21.7
Dew-point, 8 R. humidity, 41 V. pressure, .025
Clouds: Amount, 7; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

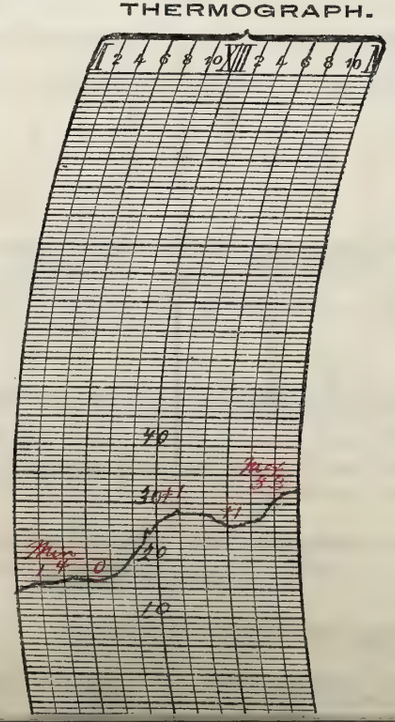
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A hoar ice formed this morning as partly cloudy day, but generally clear night. Was pleasantly cooler in the morning, but with slowly rising temperature throughout the day.

Prepared by [illegible]

Verified by P. M. Conrath

Form No. 1012—Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	37	37	37	37	38	40	41	42	44	45
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	19	18	16	15	14	14	16	15	15	14	17

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: 9:59a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	45	45	45	44	44	44	44	43	43
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SW	S	S
Wind movement	16	14	11	8	5	6	7	7	9	10	7	7

Sunset: Time, 4:25 Character, Cloudy

Moonset: 9:53p

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	33	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind 291

Average hourly velocity, 12.1 Extreme velocity, 25

Maximum velocity, 23 Direction, SW

Time began, 1:23 a.m.

Reduced barometer, 29.21 7 a. m. 29.24 7 p. m.

River gage, 3.1 Feet

Relative humidity, 95 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

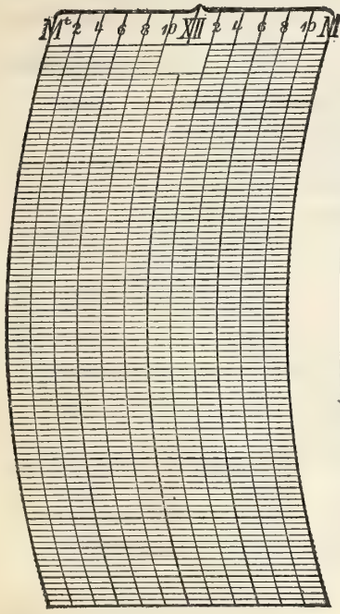
Dry temperature, 43.7 Wet temperature, 38.1

Dew-point, 30 R. humidity, 60 V. pressure, .164

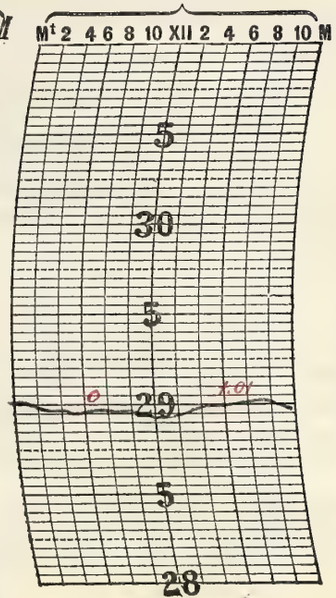
Clouds: Amount, 10; Kind, St; Direction, SW

Velocity of clouds (miles per hour)

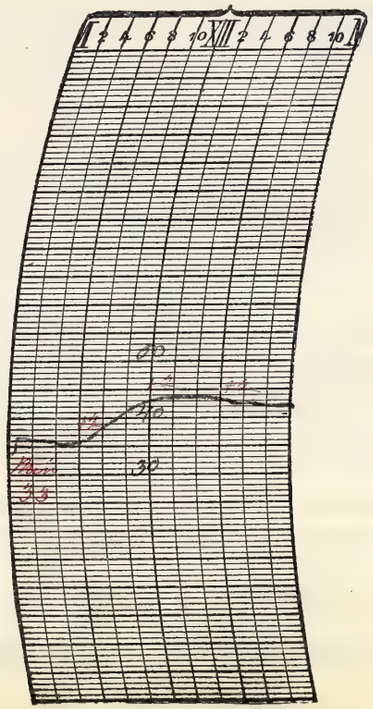
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A dark and gloomy day with mild temperatures which completed the melting of the snow.

Prepared by [illegible]

Verified by [illegible]

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	42	43	45	46	49	50	49	50	53
Nature of precipitation and time of beginning and ending			RB 2:00									
Amounts of precipitation			—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions									Cloudy			
Sunrise: Time, 7:06 Character, Cloudy												
Moonrise: 10:27a												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	SE	SE	SE	SE	S	SW	SW	S	S	S
Wind movement	6	8	9	9	10	9	13	13	14	16	9	16
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	55	54	53	53	52	45	41	37	33
Nature of precipitation and time of beginning and ending		RE 1:10	RB 2:35			WE 5:30		RB 9:30			RE DMP	
Amounts of precipitation	—	—	—	—	—	—		—	—	—	—	
Cloudiness and other conditions			Cloudy				PC	Clear	Cloudy			
Sunset: Time, 4:26 Character, Cloudy												
Moonset: 10:30p												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	20	23	20	23	23	21	23	23	30	25	26	27
Maximum velocities (exceeding 29 miles) direction and time									42 SW 8:43	30 SW 9:02		37 W 11:26

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	32	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .30 ins.; to 7 p. m., .50 ins.

Total precipitation, midnight to midnight, .81 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind 414

Average hourly velocity, 17.2 Extreme velocity, 42

Maximum velocity, 42 Direction, SW

Time began, 8:43 p.m.

Reduced barometer, 29.71 7 a. m. 29.56 7 p. m.

River gage, 3.5 Fall

Relative humidity, 84 7 a. m. 83 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts _____

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

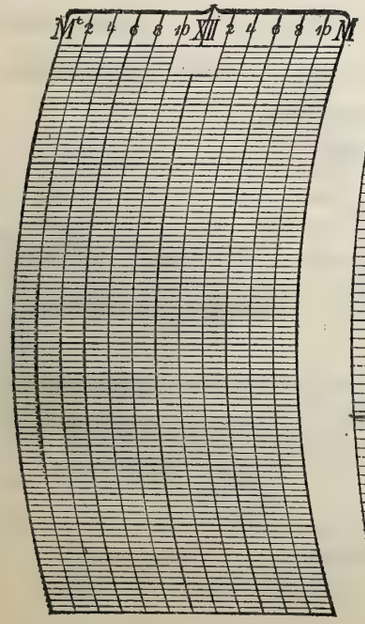
Dry temperature, 52.7 Wet temperature, 52.0

Dew-point, 51 R. humidity, 96 V. pressure, .373

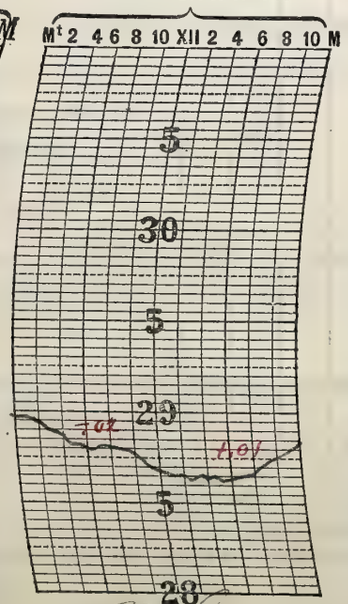
Clouds: Amount, 10; Kind, Nb; Direction, S

Velocity of clouds (miles per hour) _____

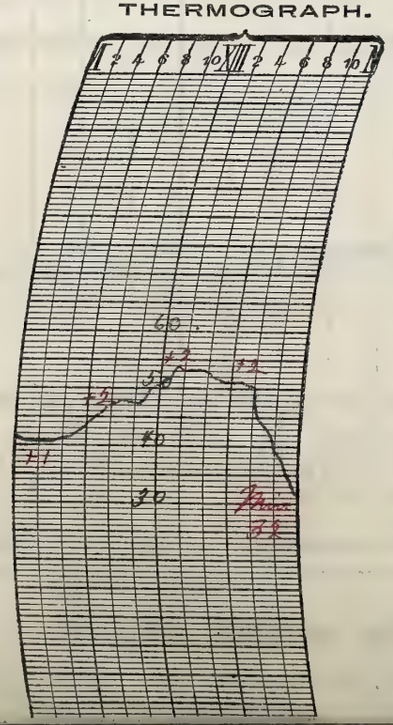
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold wave warning received, embodied in regular 8 a.m. forecast. At 8:56 am. It was given the large distribution of practically all card bulletins.

A dark and gloomy day, with rain and exceedingly mild temperatures.

Prepared by _____

Verified by P. McDonough

Verified by _____

FORM NO. 1021—SECT. II

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	28	26	26	27	25	25	24	24	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy					
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	24	25	24	25	24	21	19	22	21	22	19	18
Maximum velocities (exceeding 29 miles) direction and time								30 W 7:35				

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	24	24	24	24	24	23	22	21	21	20
State of weather: Nature of precipitation and time of beginning and ending							8 D 6:28	8 F 7:42				
Amounts of precipitation							—	—				
Cloudiness and other conditions							Cloudy					→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	NW
Wind movement	17	19	16	16	14	14	14	14	12	12	11	12
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: 10:56a

Sunset: Time, 4:27 Character, Cloudy

Moonset: 11:47p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	20	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind 434

Average hourly velocity, 18.1 Extreme velocity, 31

Maximum velocity, 30 Direction, W

Time began, 7:35 a.m.

Reduced barometer, 30.61 7 a. m. 30.56 7 p. m.

River gage, 9.2 Feet

Relative humidity, 88 7 a. m. 82 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

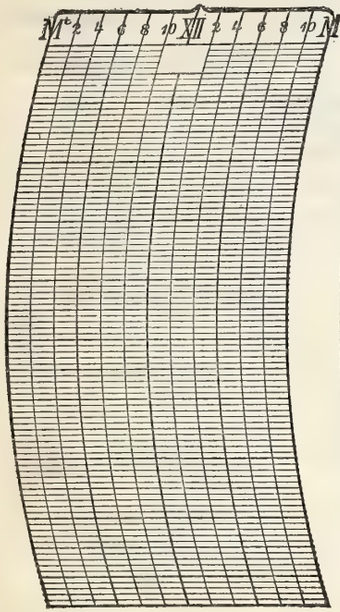
Dry temperature, 25.0 Wet temperature, 24.0

Dew-point, 22 R. humidity, 82 V. pressure, .113

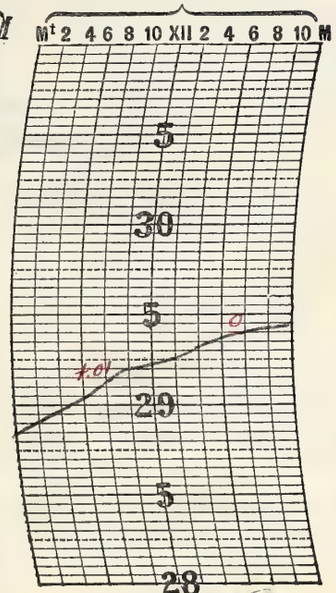
Clouds: Amount, 10; Kind, St Cu.; Direction, W.

Velocity of clouds (miles per hour) _____

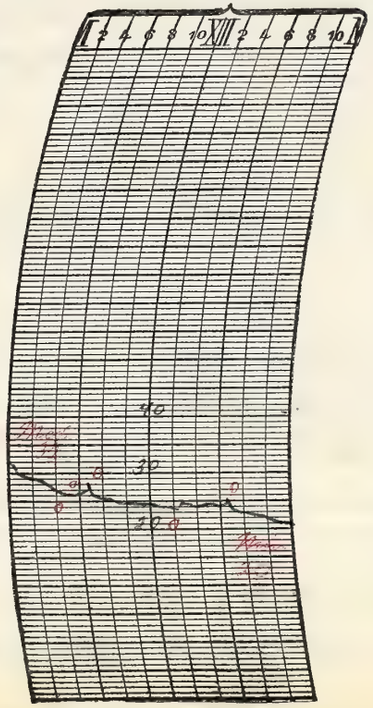
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cold day with a small snow flurry in the early night.

Prepared by _____

Verified by C. M. Ramsey

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	19	19	18	18	18	19	19	19	20	22	24	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy		PM Cloudy			
Sunshine (in tenths of hours)								0	0	0.4	1.0	1.0
Wind direction	NW	W	W	W	W	W	SW	SW	W	SW	W	W
Wind movement	12	8	9	9	10	7	8	7	8	10	9	9

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 11:26 a

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	28	28	27	27	27	26	24	23	21	20	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear						Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5 0.5	47 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	NE	NE
Wind movement	9	10	0	8	7	5	4	4	3	3	5	4

Sunset: Time, 4:33 Character, Clear
Moonset: —

Maximum velocities (exceeding 22 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

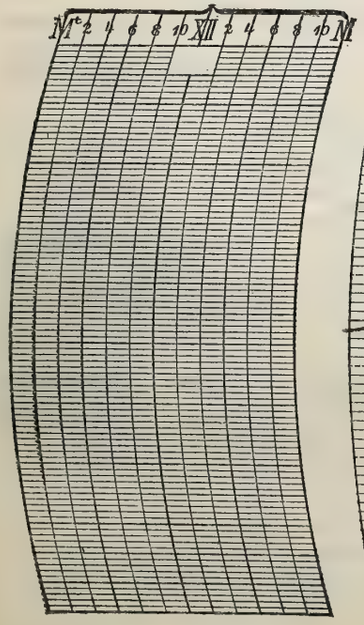
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	18	23	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, F. Q. 11:26 a
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 6.9 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 73
Prevailing wind direction, W Total wind 177
Average hourly velocity, 7.4 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 11:07 p. m.
Reduced barometer, 30.55 7 a. m. 30.60 7 p. m.
River gage, 10.3 Feet
Relative humidity, 81 7 a. m. 64 7 p. m.

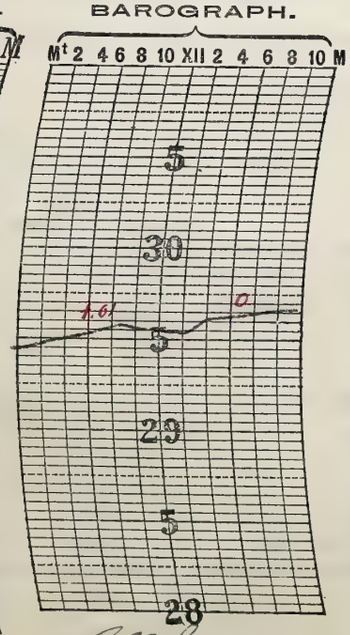
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.8 Wet temperature, 21.3
Dew-point, 16 R. humidity, 68 V. pressure, 0.81
Clouds: Amount, Few; Kind, St Cu; Direction, W
Velocity of clouds (miles per hour)

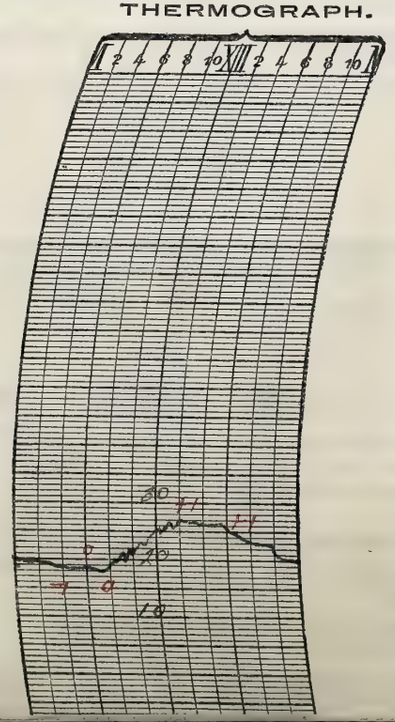
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and cold day with light westerly winds. Shore ice observed this morning.

Prepared by [illegible]
Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	19	18	17	17	17	18	18	22	25	28	31	33
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunshine (in tenths of hours)								.90 0	0.8 0.2	1.0	1.0	1.0
Wind direction	NE	NE	E	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	4	4	3	5	4	4	4	4	5	5	7	6
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 7:06 Character, Clear

Moonrise: 11:58a

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	36	38	35	34	33	33	32	31	30	29	28
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.1	0							
Wind direction	SE	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	7	8	7	6	6	6	5	6	7	5	4	5
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 4:29 Character, Cloudy

Moonset: 10:44a

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	17	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 7.9 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 84

Prevailing wind direction, SE Total wind 129

Average hourly velocity, 5.4 Extreme velocity, 10

Maximum velocity, 10 Direction, S

Time began, 10:52 a.m.

Reduced barometer, 30.67 7 a. m. 30.46 7 p. m.

River gage, 8.0 feet

Relative humidity, 81 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

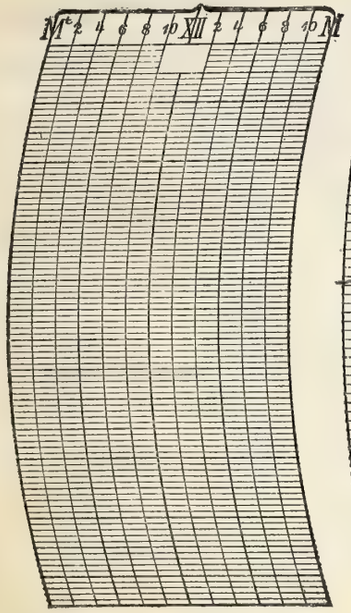
Dry temperature, 31.0 Wet temperature, 26.0

Dew-point, 16 R. humidity, 49 V. pressure, .085

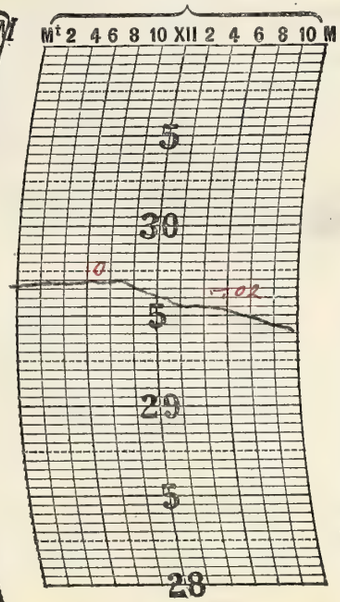
Clouds: Amount, 3; Kind, Cu.; Direction, W.

Velocity of clouds (miles per hour) _____

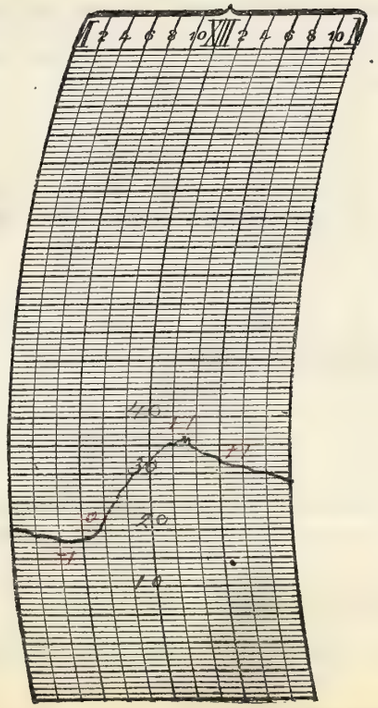
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with moderate temperatures and light easterly winds.

Shore ice and light floating ice observed this morning.

Prepared by C.O.S.

Verified by C. M. Dunwoody

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	27	27	26	27	29	30	31	36	40	42
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear	x	Pt Cldy	x	Cldy	x
Sunshine (in tenths of hours)								0	0	0	1.0	0.7
Wind direction	SE	S	S	SE	SE	SE	S	S	SW	SW	SW	SW
Wind movement	6	4	5	4	5	6	12	10	13	16	16	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	42	41	39	38	35	36	35	33	32	32
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear				x	Pt Cloudy						
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	.50 0							
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	21	20	17	16	13	14	16	18	18	15	12	10

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: 12:35 P

Sunset: Time, 4:30 Character, Clear

Moonset: 1:45 a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	26	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 6.2 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 66

Prevailing wind direction, W Total wind 304

Average hourly velocity, 12.7 Extreme velocity, 26

Maximum velocity, 24 Direction, W

Time began, 1:12 pm

Reduced barometer, 30.11 7 a. m. 29.98 7 p. m.

River gage, 7.6 Fall

Relative humidity, 85 7 a. m. 49 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

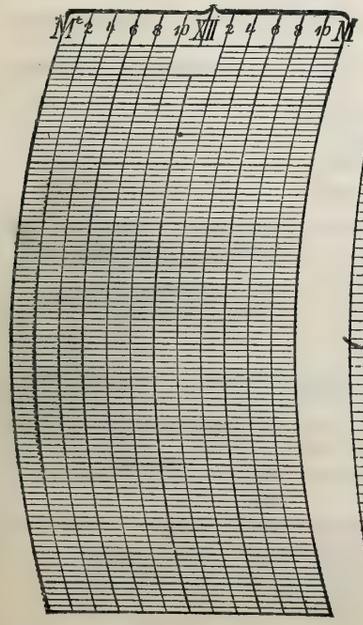
Dry temperature, 41.3 Wet temperature, 37.8

Dew-point, 33 R. humidity, 73 V. pressure, .183

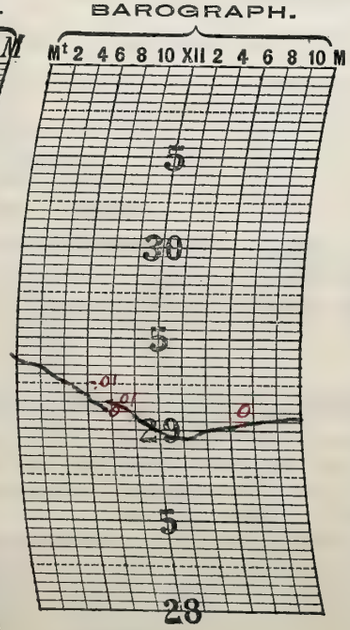
Clouds: Amount, 2; Kind, Ast; Direction, W

Velocity of clouds (miles per hour) _____

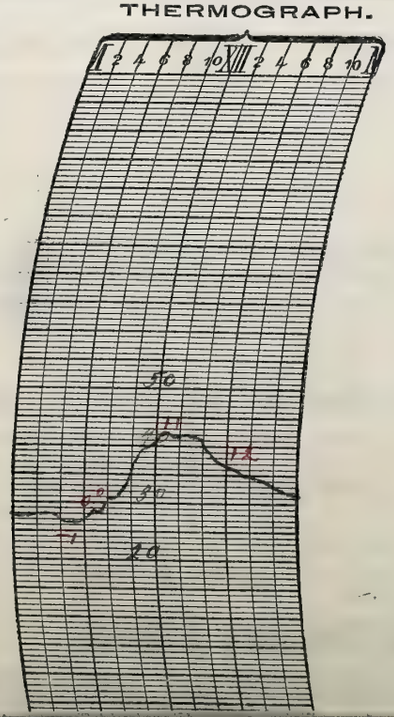
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice and light floating ice observed this morning.

A clear day with moderate atmospheric haze.

A faint lunar halo of 22° radius was observed from 6:00 pm, until 6:14 pm.

Prepared by CCS

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	29	28	27	27	28	29	32	37	40	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunshine (in tenths of hours)								.90 0	0.4 0.6	1.0	1.0	1.0
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	8	10	12	13	14	15	19	20	23	20

Sunrise: Time, 2:06 Character, Clear
Moonrise: 1:17p

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	45	46	44	42	40	39	38	37	36	36	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0	.52 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	21	21	18	16	18	16	13	13	12	9	9	9

Sunset: Time, 4:31 Character, Clear
Moonset: 2:47p

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

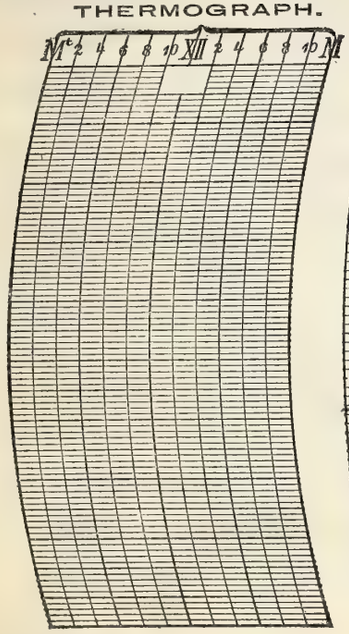
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 0
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 345
Average hourly velocity, 14.4 Extreme velocity, 27
Maximum velocity, 25 Direction, SW
Time began, 1:21pm
Reduced barometer, 29.90 7 a. m. 29.86 7 p. m.
River gage, 2.2 Feet
Relative humidity, 74 7 a. m. 68 7 p. m.

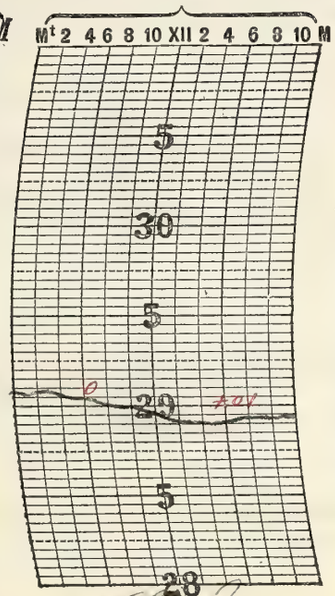
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 39.0
Dew-point, 30 R. humidity, 62 V. pressure, .164
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

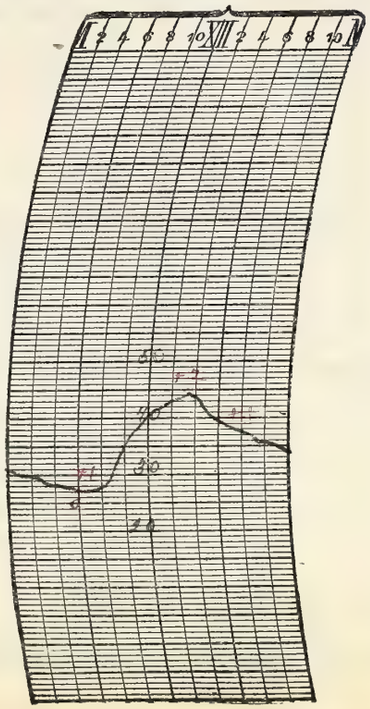
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shows ice and light snow
A clear and freezing day
Pleasant day with moderate temperatures

Prepared by

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Tuesday, (Date) [illegible], 192

Time (local standard). [illegible] mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	32	32	32	29	31	33	35	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							←	Clear				
Sunshine (in tenths of hours)								.90 0	1.0 0	0.1 0.9	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	NE	E	E	E	E
Wind movement	7	5	5	5	1	2	3	6	10	12	12	12
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	40	39	38	35	33	32	31	30	30	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear → Pt. Cloudy →		Cloudy →			
Sunshine (in tenths of hours)	1.0	1.0	0.3	0	0							
Wind direction	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	11	10	10	11	13	12	15	16	16	17	17
Maximum velocities (exceeding [illegible] miles) direction and time												

Sunrise: Time, 7:06 Character, Clear
Moonrise: 2:04p

Sunset: Time, 4:32 Character, Cloudy
Moonset: 3:49a

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

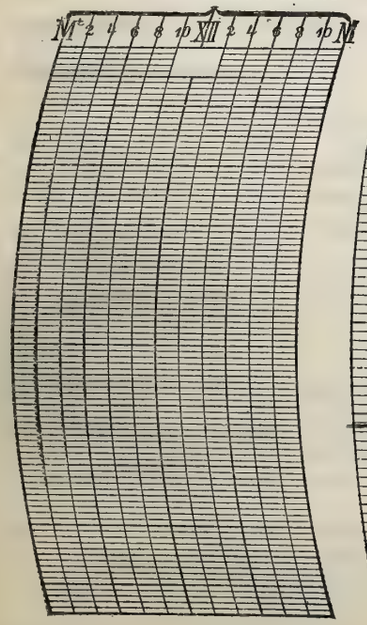
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	29	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.2 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 77
Prevailing wind direction, E Total wind 248
Average hourly velocity, 10.1 Extreme velocity, 22
Maximum velocity, 19 Direction, NE
Time began, 11:33 a.m.
Reduced barometer, 29.90 7 a. m. 29.75 7 p. m.
River gage, 6.2 Feet.
Relative humidity, 93 7 a. m. 81 7 p. m.

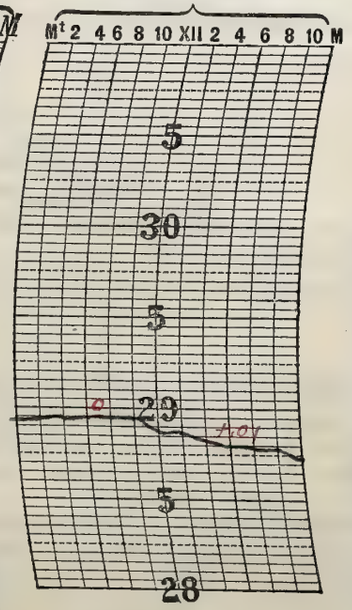
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.0 Wet temperature, 35.0
Dew-point, 31 R. humidity, 75 V. pressure, 172
Clouds: Amount, 2; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

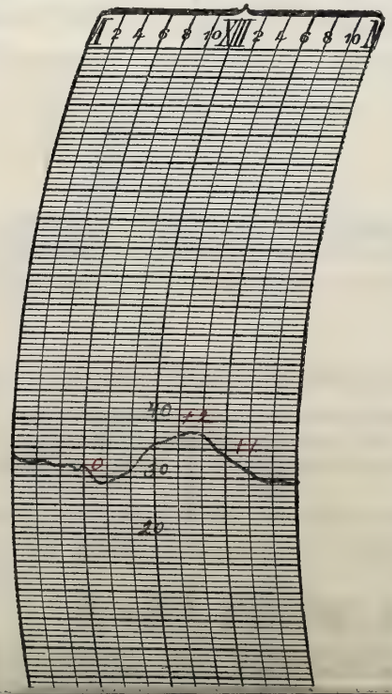
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice observed this morning.
A clear day with moderate temperatures.
A faint lunar halo of 22° radius was observed from 6:30 p.m. until 7:18 p.m.

Prepared by CCS
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	30	30	30	30	30	29	29	30	30 8:15 10:30	30
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, 7:05 Character, Cloudy												
Moonrise: 2:55 pm												
Sunshine (in tenths of hours)								0	0	0.4	0	0
Wind direction	NE	NE	NE	NE	N	N	N	N	N	N	N	N
Wind movement	17	18	16	15	15	12	13	14	14	17	17	18

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	30	30	28	27	25	23	21	21	21	20	20
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						→ Pt. Cldy →		Cloudy				
Sunset: Time, 4:30 Character, Cloudy												
Moonset: 4:55 pm												
Sunshine (in tenths of hours)	0	0.2	0	0	0							
Wind direction	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	19	21	18	17	18	20	18	15	13	13	10	12

Maximum velocities (exceeding 29 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	20	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.02 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.4 Possible sunshine, hours, 2.4

Per cent of possible sunshine, _____

Prevailing wind direction, Nt NW Total wind 380

Average hourly velocity, 15.8 Extreme velocity, 31

Maximum velocity, 28 Direction, NW

Time began, 1:45 pm

Reduced barometer, 29.70 7 a. m. 29.82 7 p. m.

River gage, 5.5 Fast

Relative humidity, 84 7 a. m. 84 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

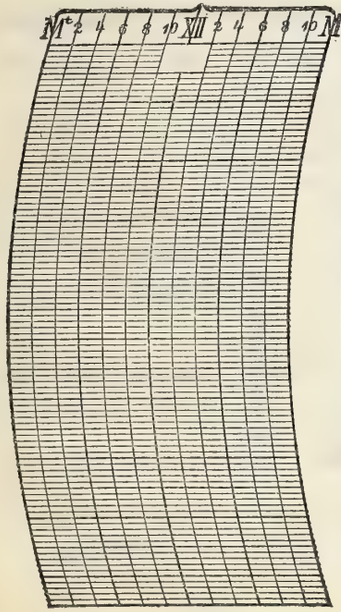
Dry temperature, 31.0 Wet temperature, 30.0

Dew-point, 29 R. humidity, 89 V. pressure, 157

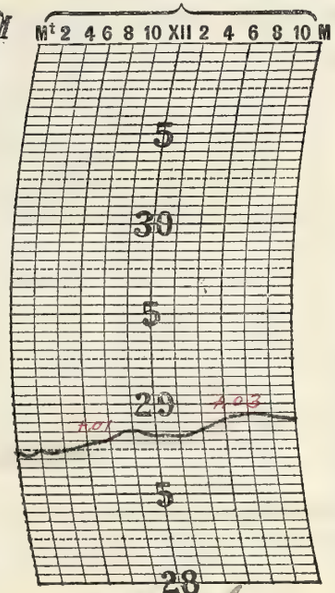
Clouds: Amount, 10; Kind, St Cu; Direction, N

Velocity of clouds (miles per hour)

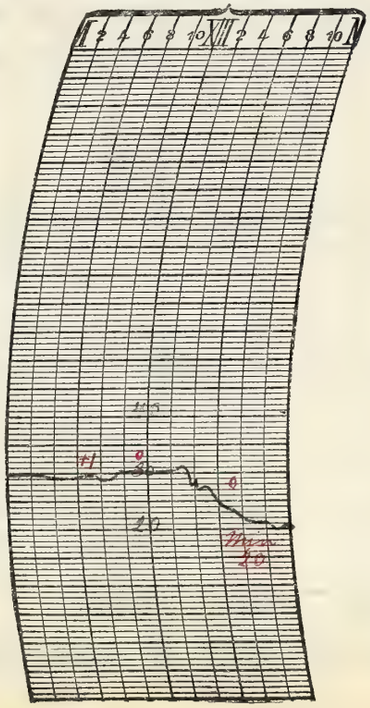
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated depths

Snow in absence of the measurer

Prepared by _____

Verified by C. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Kearny, Neb., (Day of week) Monday, (Date) Feb. 1, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	18	17	16	15	15	15	15	16	17	19
Nature of precipitation and time of beginning and ending					SE DW4			SE 7:05				
Amounts of precipitation	—	—	—	—	—			—	—	—	—	—
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, 7:05 Character, Cloudy												
Moonrise: 4:02p												
Sunshine (in tenths of hours)								0	0	0	0	0.1
Wind direction	NW	W	NW	NW	W	W	W	W	W	W	W	W
Wind movement	9	12	11	11	15	16	15	15	15	14	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	21	22	21	20	19	18	17	17	17	17	18
Nature of precipitation and time of beginning and ending	SE DW4											
Amounts of precipitation	—											
Cloudiness and other conditions	← Cloudy						* Pt. Cloudy		- Clear →			
Sunset: Time, 4:34 Character, Cloudy												
Moonset: 5:48a												
Sunshine (in tenths of hours)	0.9	0.6	0.4	0.2	0							
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	11	14	13	9	9	6	6	8	7	8	9	8

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	15	18	

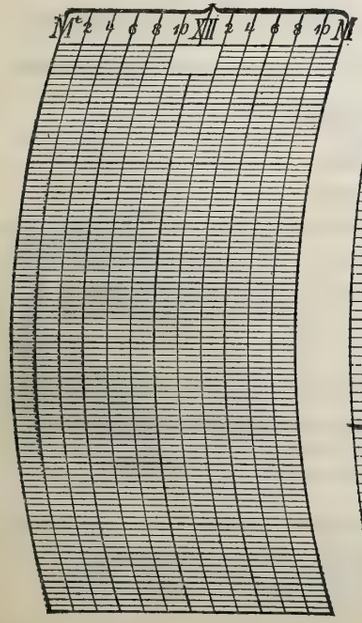
Total depth of snow for 24 hours ending 7 p. m. 2.5 inches.
Snow, sleet, and hail on ground 7 p. m., 2.5 inches.
Total snowfall, midnight to midnight, 2.3 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., — ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.2 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 23
Prevailing wind direction, W Total wind 263
Average hourly velocity, 11.2 Extreme velocity, 20
Maximum velocity, 12 Direction, W
Time began, 11:13 a.m.
Reduced barometer, 29.92 7 a. m. 29.95 7 p. m.
River gage, 4.5 Feet.
Relative humidity, 86 7 a. m. 75 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

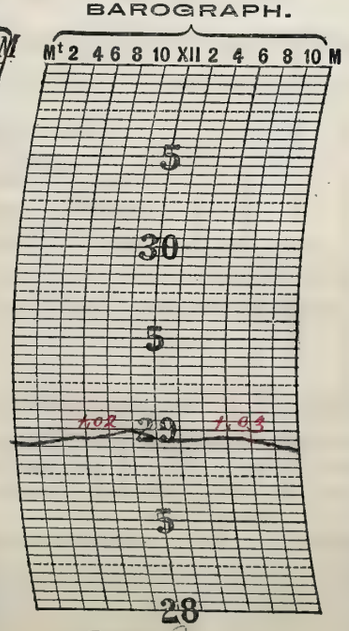
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.0 Wet temperature, 17.6
Dew-point, 14 R. humidity, 78 V. pressure, .022
Clouds: Amount, 9; Kind, Stu; Direction, W
Velocity of clouds (miles per hour)

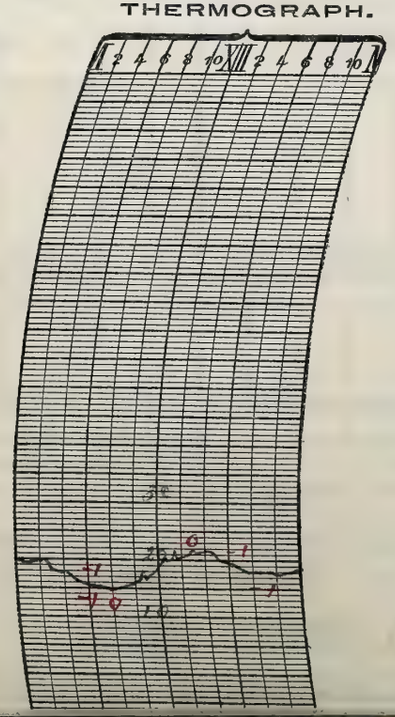
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by CCS

Verified by P. McDonough

ϕ Estimated depths

NOTES.

Shore ice and light floating ice observed this morning.

A cloudy and cold day with light, dry and very fine snow falling during most of the morning hours.

A brilliant human corona was observed from 6:30 pm, until 7:41 pm. The spectral colors were exceptionally bright and distinct and covered the entire spectrum from red to violet inclusive.

Verified by C. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	18	18	19	19	20	20	21	22	22	22	22	23
			S 8 B 12:54								S 8 E 10:39	
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation			—	—	—	—	—	—	—	—	—	
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, 7:05 Character, Cloudy												
Moonrise: 5:11 p												
Sunshine (in tenths of hours)								0	0	0	0.9	0.9
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW
Wind movement	8	8	7	8	8	8	8	7	10	15	15	16
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	23	22	21	20	20	19	17	15	14	13	12
							S 8 B 6:58	S 8 E 9:27				
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation							—	—				
Cloudiness and other conditions					← Cloudy							→
Sunset: Time, 4:25 Character, Cloudy												
Moonset: 6:42 a												
Sunshine (in tenths of hours)	0.7	0	0	0	0							
Wind direction	W	W	W	W	W	NW	W	NW	W	W	SW	SW
Wind movement	16	17	16	12	12	10	9	10	9	10	9	9
Maximum velocities (exceeding 24 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

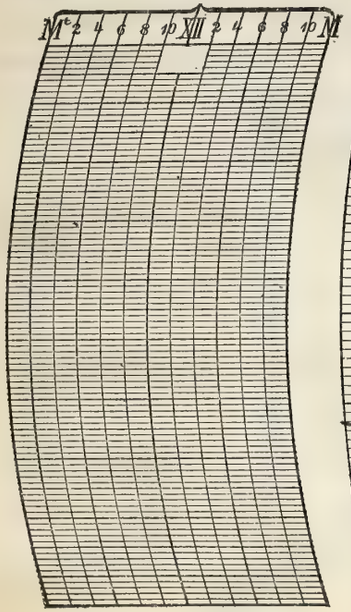
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	12	18	

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow, sleet, and hail on ground 7 p. m., 3.3 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase, Full 8:36 a.m.
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 0.5 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 5
Prevailing wind direction, SW & W Total wind 257
Average hourly velocity, 10.7 Extreme velocity, 23
Maximum velocity, 20 Direction, W
Time began, 2:07 p.m.
Reduced barometer, 29.96 7 a. m. 30.03 7 p. m.
River gage, 3.4 Feet
Relative humidity, 86 7 a. m. 72 7 p. m.

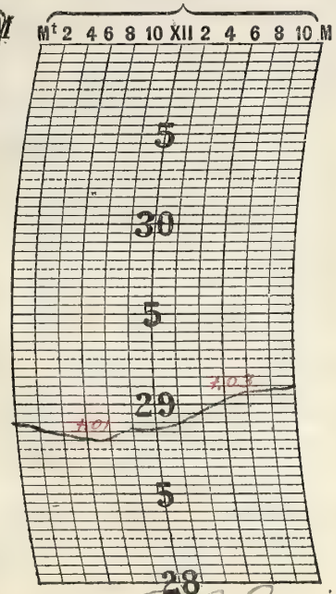
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.8 Wet temperature, 20.6
Dew-point, 15 R. humidity, 70 V. pressure, .081
Clouds: Amount, 8; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

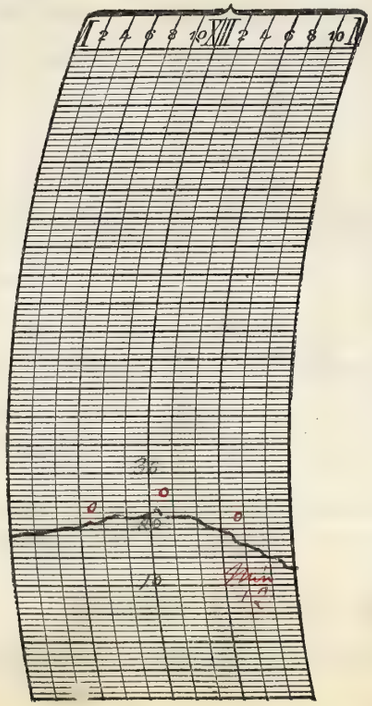
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice appeared this morning
a cloudy and cold rainy
day.

Prepared by _____
Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	11	9	8	8	9	9	13	17	23	29	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							←	Cloudy				
Sunrise: Time, 7:04 Character, Cloudy												
Moonrise: 6:22p												
Sunshine (in tenths of hours)								0	0	0	0.5	1.0
Wind direction	SW	SW	SW	SW	SW	S	S	SW	S	S	S	S
Wind movement	9	7	7	10	10	12	14	14	16	17	20	26
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	35	37	38	39	39	39	41	42	42	41	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy	→	Pt. Cldy	→	Cloudy							
Sunset: Time, 4:54 Character, Cloudy												
Moonset: 9:30a												
Sunshine (in tenths of hours)	0.5	0.5	0.7	0.6	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	28	29	31	28	26	22	19	20	23	25	21	20
Maximum velocities (exceeding 22 miles) direction and time	31 S 12:15	32 SW 1:00	31 SW 2:15	28 SW 3:15	26 SW 4:15							

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	7	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 2.9 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.8 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 40
Prevailing wind direction, SW Total wind 454
Average hourly velocity, 18.7 Extreme velocity, 50
Maximum velocity, 39 Direction, SW
Time began, 2:53 pm.
Reduced barometer, 30.07 7 a. m. 29.96 7, p. m.
River gage, 3.0 Freez.
Relative humidity, 86 7 a. m. 64 7 p. m.

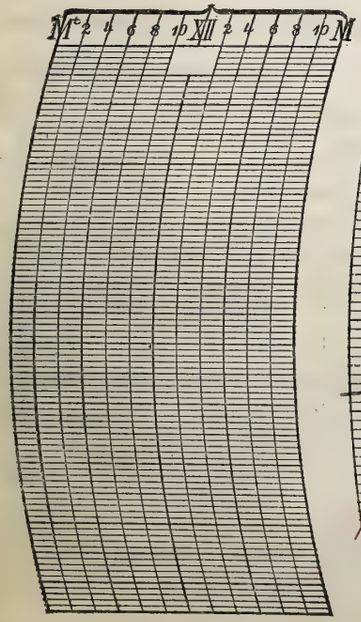
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

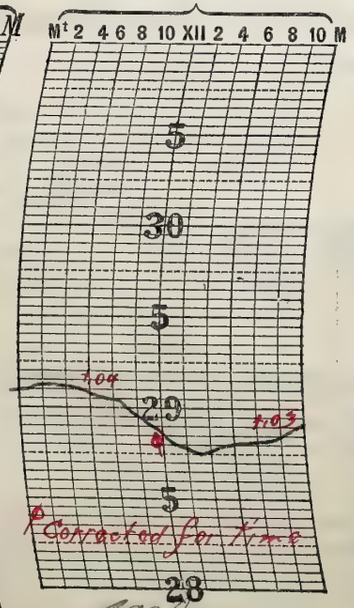
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.0 Wet temperature, 28.0
Dew-point, 23 R. humidity, 69 V. pressure, 118
Clouds: Amount, 9; Kind, 1St; Direction, NW
Velocity of clouds (miles per hour)

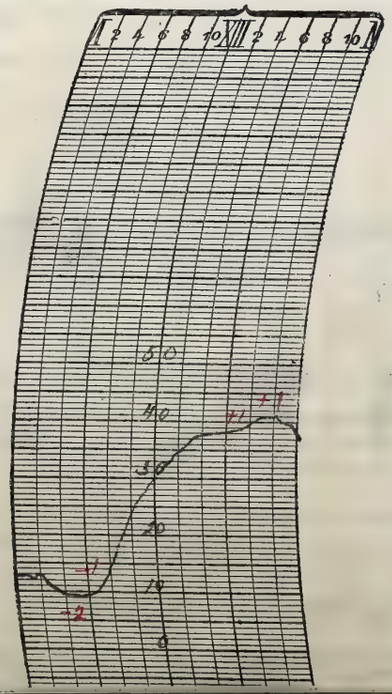
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Lunar halo, 22° radius, observed at 5:45 a.m.

Snow was observed this morning.

The temperature rose from 13° to 29° from 10:00 a.m. to 11:00 a.m.

Special 12:40 p.m. (75th Meridian Time observation telegraphed on account of 2 hour fall of 0.12 of an inch in pressure.

Portion of faint solar halo, 22° radius, observed at 11:45 a.m., ended at 12:30 pm.

A cloudy day with rapidly increasing temperatures which caused the snow to melt rapidly during the late night.

Prepared by [illegible]

Verified by P. McDonough

Verified by P. McDonough

FORM NO. 1012 MCH 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90th mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	34	22	22	23	20	20	20	20	21
State of weather: Nature of precipitation and time of beginning and ending								SNB 7:08 SNE 7:45				
Amounts of precipitation								T				
Cloudiness and other conditions							← Clear					
Sunrise: Time, Character,	7:04 Clear											
Moonrise:	7:35p											
Sunshine (in tenths of hours)								.93	0.1			
								1.0	0.9	1.0	1.0	1.0
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	18	16	19	22	25	23	23	20	22	23	21	19
Maximum velocities (exceeding 32 miles) direction and time					33 W 4:47							

Time (local standard). 90th mer. normal time.	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	23	23	21	20	20	19	18	17	16	15
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear →							
Sunset: Time, Character,									4:37 Clear			
Moonset:									8:44a			
Sunshine (in tenths of hours)				0.5	.62							
	1.0	1.0	1.0	0.5	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	18	17	15	12	10	8	7	7	6	8	10	9
Maximum velocities (exceeding 32 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

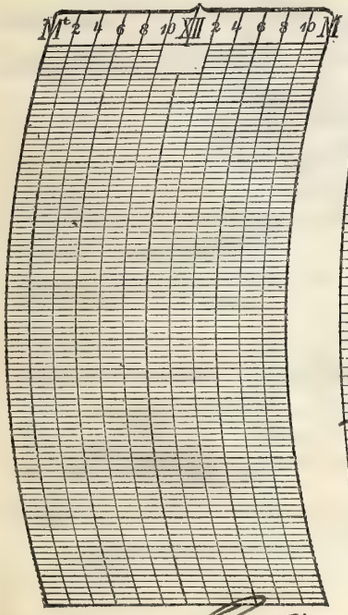
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	15	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.7 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.6 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind 328
Average hourly velocity, 13.8 Extreme velocity, 32
Maximum velocity, 33 Direction, W
Time began, 4:47 a.m.
Reduced barometer, 30.10 7 a. m. 30.41 7 p. m.
River gage, 3.4 Feet.
Relative humidity, 70 7 a. m. 70 7 p. m.

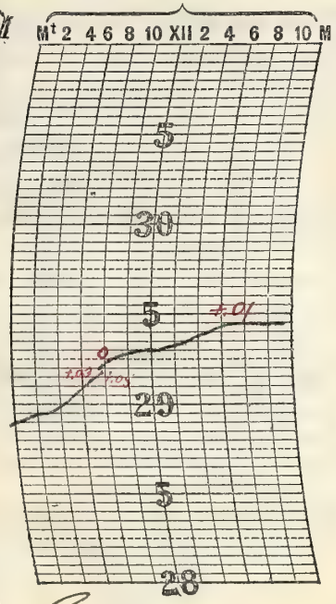
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.0 Wet temperature, 19.0
Dew-point, 11 R. humidity, 52 V. pressure, 06.6
Clouds: Amount, 1; Kind, Cst; Direction, NW
Velocity of clouds (miles per hour) _____

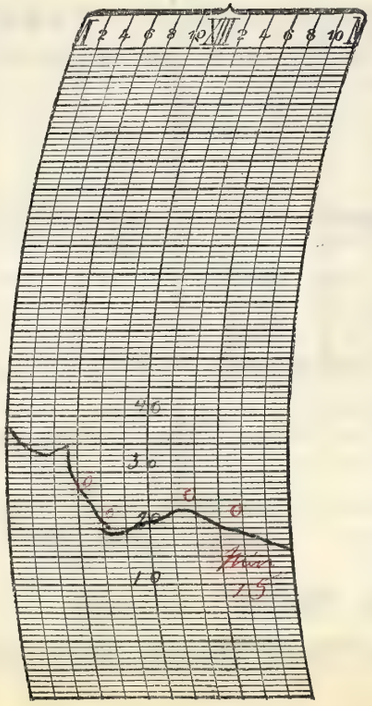
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The snow melted rapidly during the night of am.
Short ice observed this morning.
Except that there was about one tenth Stratus clouds near the horizon snow flurries occurred from a clear sky from 7:08 a.m. to 7:45 am.
A clear day with moderately low temperatures.

Prepared by C. A. S.
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	12	11	11	10	10	10	14	18	21	23	25	27	29	28	26	25	24	24	23	23	21	20
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear									Clear								→
Sunrise: Time, 7:04 Character, Clear																					Sunset: Time, 4:39 Character, Clear			
Moonrise: 8:47p																					Moonset: 8:54a			
Sunshine (in tenths of hours)								.93 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	.2 0.8	.65 0							
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	8	9	9	9	8	6	8	10	8	9	11	14	14	13	15	12	11	8	9	9	10	7	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

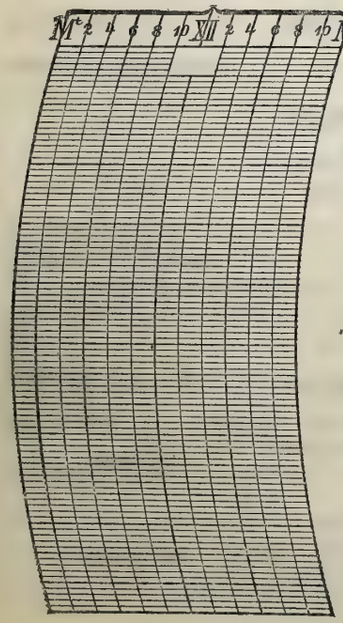
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	9	19	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.6 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 235
Average hourly velocity, 9.8 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 12:35 p.m.
Reduced barometer, 30.45 7 a. m. 30.36 7, p. m.
River gage, 3.2 Feet
Relative humidity, 87 7 a. m. 56 7 p. m.

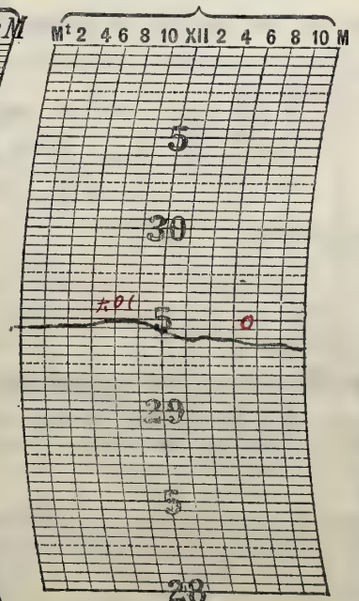
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.2 Wet temperature, 19.8
Dew-point, 14 R. humidity, 62 V. pressure, .07
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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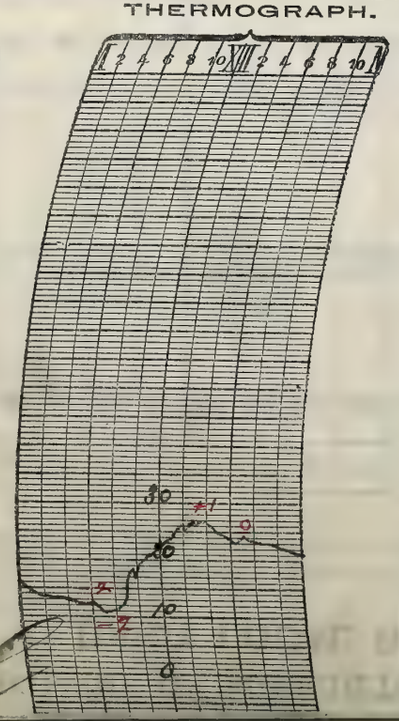


NOTES.

Shore ice observed this morning
a clear and cold day.

Prepared by _____
Verified by P. McDonough

Form No. 1014—M.C.H.

Verified by _____

Form No. 1014—McG.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 199

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	19	19	19	17	17	16	15	20	24	31	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								← Clear				
Sunshine (in tenths of hours)								.95 0	1.0 0	0.2 0.8	1.0	1.0
Wind direction	S	S	S	S	S	S	S	SE	SE	E	E	SE
Wind movement	8	6	5	4	5	5	1	2	3	4	3	5

Sunrise: Time, 7:03 Character, Clear

Moonrise: 9:58p

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	38	36	36	34	34 8:00 B 6:30	30	29	27	26 S ME 11:20 RB 11:20	26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							—	—	—	—	—	—
Cloudiness and other conditions					Pt. Cloudy				Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.4	0	0							
Wind direction	SE	SE	E	E	E	E	E	SE	E	E	E	NE
Wind movement	5	7	6	6	5	5	7	3	6	9	8	10

Sunset: Time, 4:40 Character, Cloudy

Moonset: 9:31a

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	14	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 4.5 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.37 inches.

Character of day, Pt. Cloudy Moon phase, _____

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 7.4 Possible sunshine, hours, 9.6

Per cent of possible sunshine, 77

Prevailing wind direction, E Total wind 128

Average hourly velocity, 5.3 Extreme velocity, 11

Maximum velocity, 11 Direction, E

Time began, 11:04 p.m.

Reduced barometer, 30.27 7 a. m. 30.01 7 p. m.

River gage, 3.3 Feet.

Relative humidity, 83 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

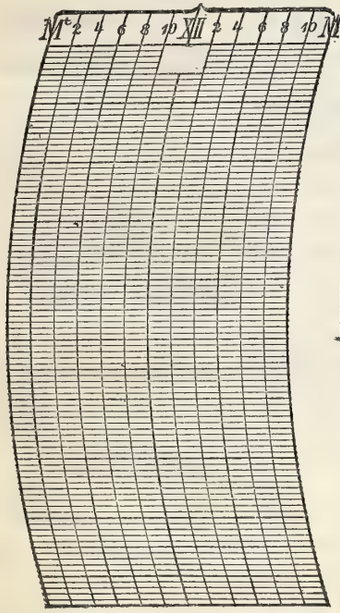
Dry temperature, 32.6 Wet temperature, 27.1

Dew-point, 16 R. humidity, 46 V. pressure, .085

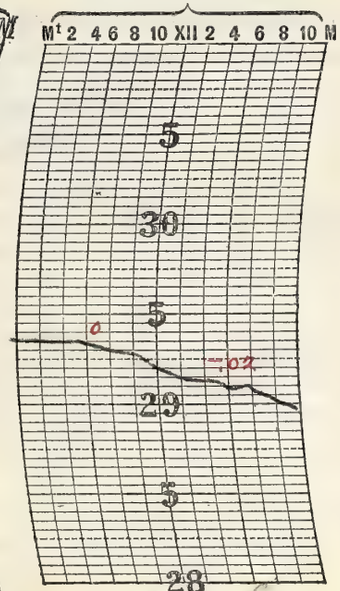
Clouds: Amount, 5; Kind, A St; Direction, NW.

Velocity of clouds (miles per hour) _____

THERMOGRAPH.



BAROGRAPH.



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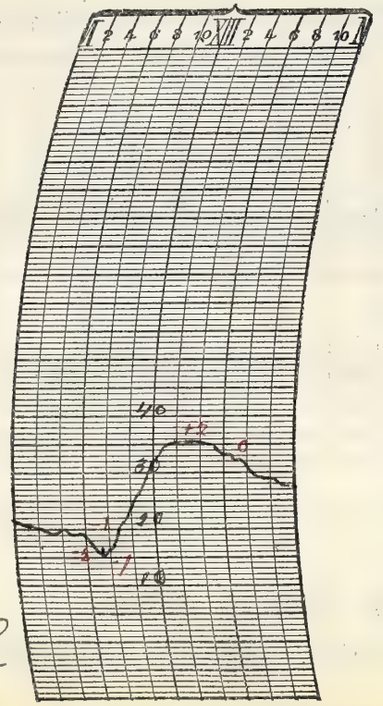


Estimated

NOTES.

Shore ice observed this morning.

Very faint solar halo of 22° radius, observed from 11:40 a.m., until 3:22 p.m.

A shortly cloudy day with moderate temperatures.

The moist snow which fell during the night p.m. lay quickly and was the heaviest snow of the season to date.

Prepared by _____

Verified by _____

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	27	28	29	29	30	[illegible]	28	27	26	26	27	28	28	29	29	30	30	30	30	29	29	29	29
State of weather: Nature of precipitation and time of beginning and ending	NE DNS						RB 6:35	RE 7:27										S*B 5:17	S*E 6:04	S*B 7:06 S*E 7:40				
Amounts of precipitation	—																							
Cloudiness and other conditions							← Cloudy									Cloudy								

Sunrise: Time, 7:03 Character, Cloudy
Moonrise: 11:07P
Sunset: Time, 4:47 Character, Cloudy
Moonset: 10:07a

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	NW	NW	NW	SE	SE	S	S	S	S	SE
Wind movement	9	8	9	8	8	6	7	8	8	6	7	6	5	3	4	4	3	2	4	3	3	3	1	2
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

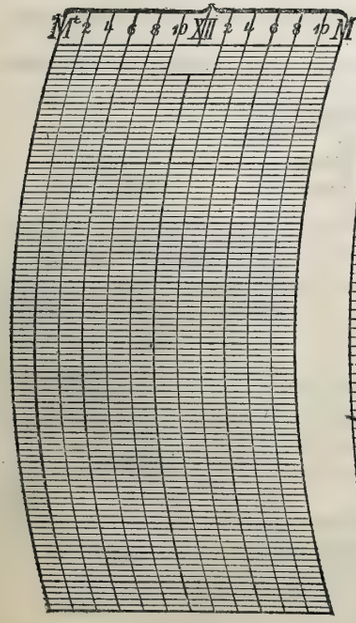
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	26	28	

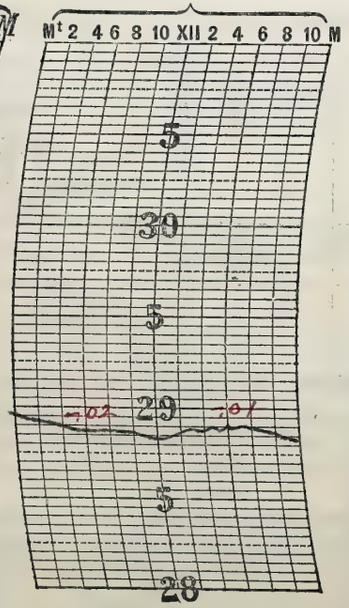
Total depth of snow for 24 hours ending 7 p. m., 4.6 inches.
Snow, sleet, and hail on ground 7 p. m., 4.3 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .38 ins.; to 7 p. m., .7 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 127
Average hourly velocity, 5.3 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 12:06 a.m.
Reduced barometer, 29.77 7 a. m. 29.83 7, p. m.
River gage, 2.3 Fee 7
Relative humidity, 95 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 28.0 Wet temperature, 27.5
Dew-point, 27 R. humidity, 94 V. pressure, 143
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

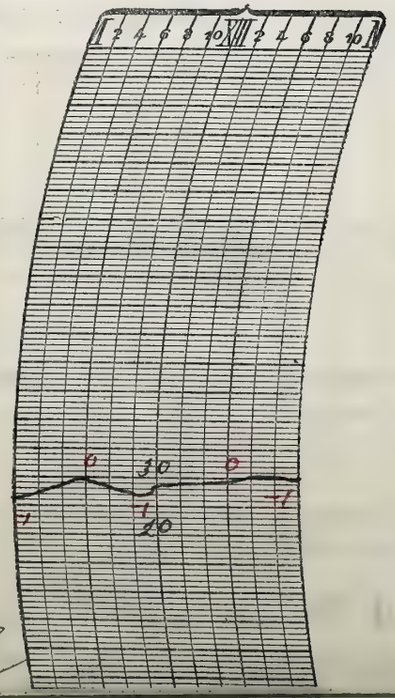
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Estimated

NOTES.

Snow ice observed this morning. The rain which followed the snow of the 17th froze as it fell.
A cloudy day with moderate temperatures.
Dense fog began 6:15 pm, and ended about 7:55 pm.

Prepared by [illegible]
Verified by P. McDonough

Form No. 1011—M.C.K.

Form No. 101x—Mot 1

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	33	33	32	32	32	32	32	32	28	24	22	17	15	11	10	9	8	7	7	6	6
State of weather. Nature of precipitation and time of beginning and ending											10:18 IB 10:45 IRE 10:52													
Amounts of precipitation											—													
Cloudiness and other conditions							← Cloudy						→ Pl. Cloudy ×					Clear ×	Pl. Cloudy →					
Sunrise: Time, 7:02 Character, Cloudy																					Sunset: Time, 4:42 Character, Cloudy			
Moonrise:																					Moonset: 10:42a			
Sunshine (in tenths of hours)								0	0	0	0	0	0.7	1.0	0.4	0	0							
Wind direction	SE	SE	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW
Wind movement	2	3	4	7	8	11	12	15	12	16	17	20	21	21	18	19	18	15	15	16	14	15	13	11
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	6	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 4.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, L.Q. 12:00 N.Y.

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.1 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 22

Prevailing wind direction, W Total wind 323

Average hourly velocity, 13.5 Extreme velocity, 27

Maximum velocity, 26 Direction, W

Time began, 12:10 p.m.

Reduced barometer, 29.83 7 a. m. 30.10 7 p. m.

River gage, 3.2 Feet

Relative humidity, 92 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

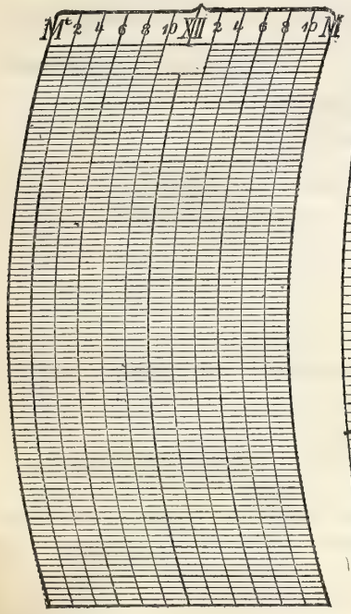
Dry temperature, 28.7 Wet temperature, 27.0

Dew-point, 24 R. humidity, 81 V. pressure, 1.24

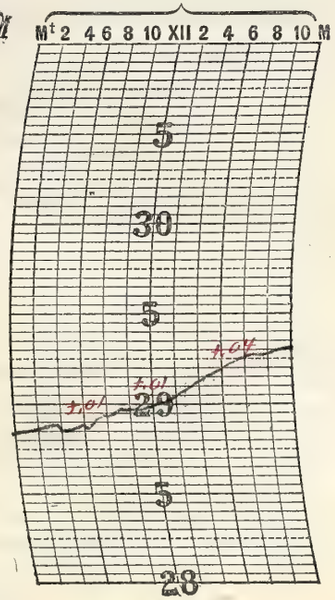
Clouds: Amount, 10; Kind, St-Cu; Direction, W

Velocity of clouds (miles per hour)

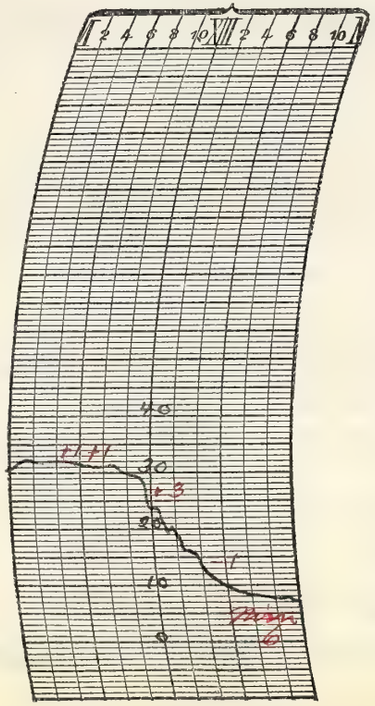
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice observed this morning.

Cold wave warning received at 8:55 a.m., embodied in regular am. forecast. It was published on all bulletins and phoned to long distance operators.

A special 1:00 p.m. (75th Meridian time) observation called for by the Central Office.

A cloudy day with falling temperatures.

Prepared by _____

Verified by _____

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	6	5	5	6	6	6	8	10	14	16	18	20	21	22	23	23	23	23	23	23	20	22	21
State of weather. Nature of precipitation and time of beginning and ending																				SNB 7:18				
Amounts of precipitation																				—	—	—	—	—
Cloudiness and other conditions							← Cloudy			× Pt. Cloudy			×		Cloudy									→

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 12:12a

Sunset: Time, 4:43 Character, Cloudy
Moonset: 11:18a

Sunshine (in tenths of hours)								0	0	0.3	1.0	0.2	0.2	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SE	S	S	SW	SW	W
Wind movement	12	12	11	10	10	10	11	8	10	11	9	9	8	8	13	7	6	7	5	7	5	5	4	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

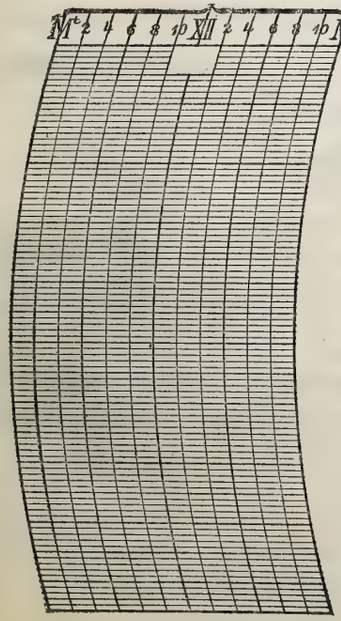
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	5	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 4.1 inches.
Total snowfall, midnight to midnight, 2.6 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.22 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.7 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 18
Prevailing wind direction, SW Total wind 200
Average hourly velocity, 8.3 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 1:32 p.m.
Reduced barometer, 30.36 7 a. m. 30.17 7 p. m.
River gage, 2.91 ice
Relative humidity, 90 7 a. m. 72 7 p. m.

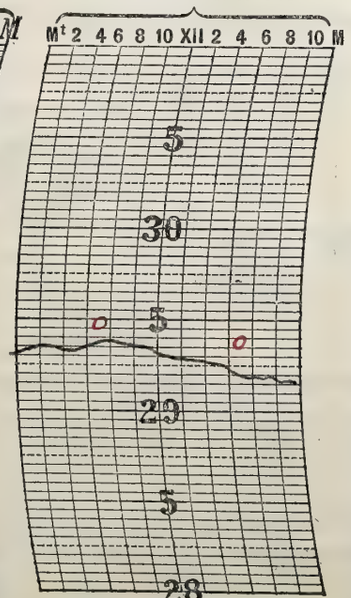
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 16.2 Wet temperature, 14.2
Dew-point, 8 R. humidity, 66 V. pressure, .057
Clouds: Amount, 7; Kind, A St; Direction, W.
Velocity of clouds (miles per hour)

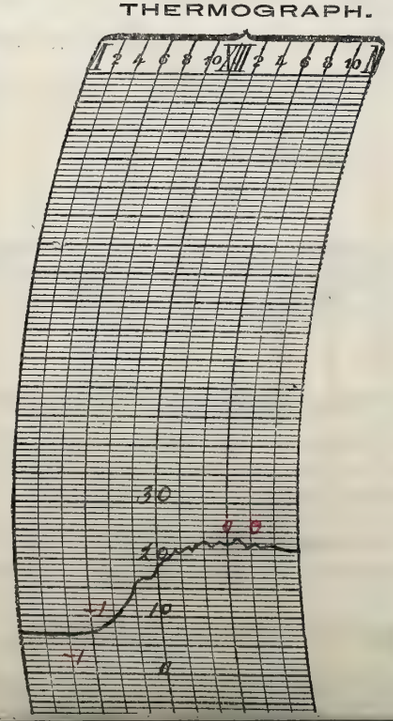
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by CCS
Verified by P. McDonough

NOTES.

Estimated.

The minimum temperature of 5° above zero was the lowest recorded to date this season.
Shore ice observed this morning.
A cloudy and cold day with increasing temperatures.
Cold wave occurred this date.

Form No. 1014—Mec 1.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	21	20	20	21	22	22	23	24	26	27
State of weather: Nature of precipitation and time of beginning and ending	—	8 E DNA										
Amounts of precipitation	—											
Cloudiness and other conditions							← Cloudy					×
Sunshine (in tenths of hours)								0	0	0.1	1.0	1.0
Wind direction	W	NW	NW	NW	NW	NW	W	SW	SW	SW	SW	SW
Wind movement	4	5	4	8	7	6	4	6	6	7	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	28	26	24	23	21	21	22	22	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy →							
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0							
Wind direction	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	8	9	10	9	10	12	14	16	19	21

Sunrise: Time, 7:01 Character, Cloudy

Moonrise: 1:18a

Sunset: Time, 4:44 Character, Cloudy

Moonset: 11:58a

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	20	24	

Total depth of snow for 24 hours ending 7 p. m., 3.5 inches.

Snow, sleet, and hail on ground 7 p. m., 24 inches.

Total snowfall, midnight to midnight, 0.8 inches.

Precipitation to 7 a. m., .30 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 5.8 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 60

Prevailing wind direction, SW Total wind 216

Average hourly velocity, 9.0 Extreme velocity, 24

Maximum velocity, 23 Direction, SW

Time began, 11:37 p.m.

Reduced barometer, 30.14 7 a. m. 30.15 7 p. m.

River gage, 3.3 Foot

Relative humidity, 83 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

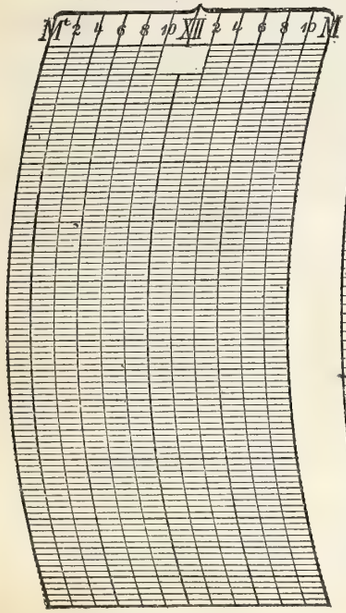
Dry temperature, 26.7 Wet temperature, 23.3

Dew-point, 16 R. humidity, 60 V. pressure, .085

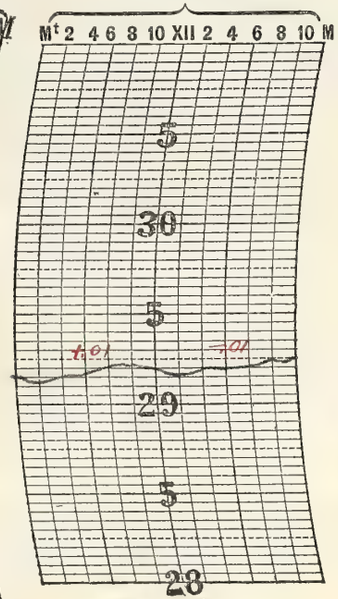
Clouds: Amount, 5; Kind, Ci St; Direction, W

Velocity of clouds (miles per hour)

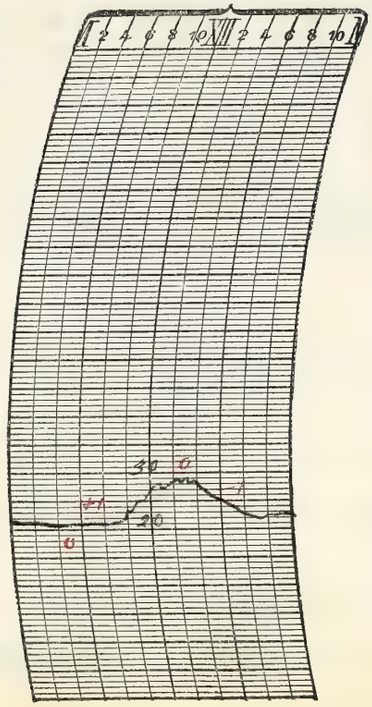
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A frosty cloudy and cold day.

Some ice observed this morning.

A cold wave warning was received at 9:04 a.m. & embodied in the regular a.m. forecast. It was published on all bulletins and phoned to long distance operator.

Prepared by

Verified by C. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	19	20	19	18	18	17	15	13	14	15	15	15	15	14	13	12	10	10	8	8	5	6	5	4
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←			Clear					Clear							→		
Sunshine (in tenths of hours)								1.00 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	.17 0							
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SW	SW
Wind movement	18	20	18	16	16	15	13	11	13	13	15	16	16	16	15	14	10	6	7	6	5	4	5	5
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 7:00 Character, Clear
Moonrise: 2:19 a.
Sunset: Time, 4:46 Character, Clear
Moonset: 12:40 p.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

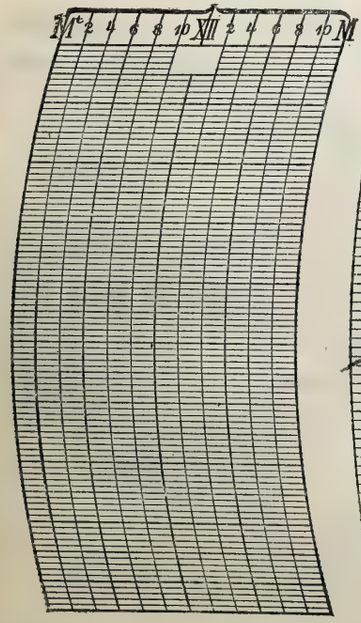
	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	21	4	12	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 9.7 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 99
Prevailing wind direction, NW Total wind 293
Average hourly velocity, 12.2 Extreme velocity, 23
Maximum velocity, 21 Direction, SW
Time began, 1:31 am.
Reduced barometer, 30.44 7 a. m. 30.20 7 p. m.
River gage, 3.4 Feet
Relative humidity, 86 7 a. m. 63 7 p. m.

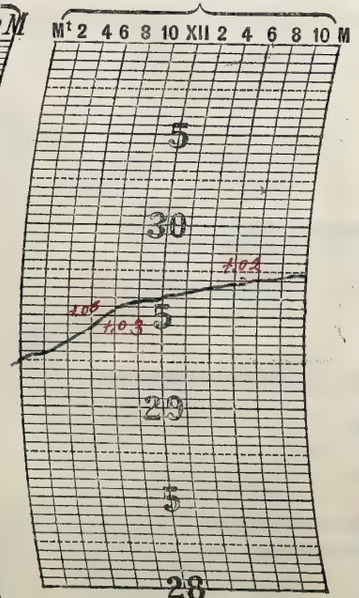
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 14.5 Wet temperature, 12.0
Dew-point, 3 R. humidity, 55 V. pressure, .044
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour) _____

THERMOGRAPH.



BAROGRAPH.



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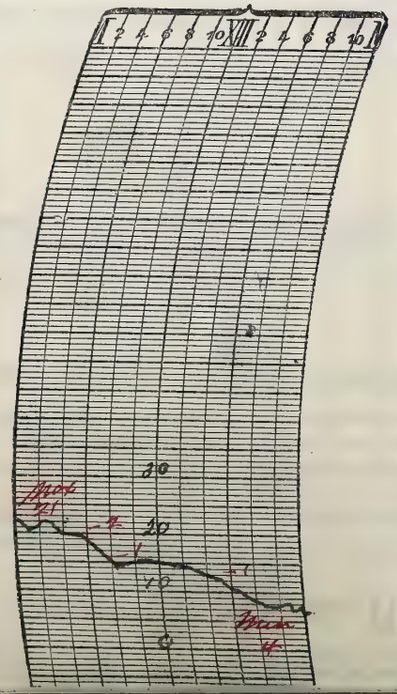


NOTES.

Shore ice observed this morning.

A cold wave warning was received at 9:15 a.m., the information was given to transportation companies, Surf Avenue, Journal Gazette, and all other interested parties who could be reached by phone. The flag was hoisted at 9:20 a.m.

A clear, cold, and uncomfortable day.

Prepared by C.A.S.

Verified by P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wingate, N.M., (Day of week) March 12, (Date) ....., 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	4	3	1	1	0	1	0	2	4	6	8
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0.3	1.0
Wind direction	W	WW	NW	N	NE	NE	E	E	E	E	E	NE
Wind movement	4	4	3	3	4	5	4	6	6	6	5	7

Sunrise: Time, 6:59 Character, Cloudy
Moonrise: 3:17a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	11	12	12	10	9	8	7	7	4	5	3
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy ×	Cloudy ×	Pt. Cly ×	Clear ×	Pt. Cly ×	Cloudy ×			Pt. Cloudy →			
Sunshine (in tenths of hours)	1.0	0.7	0	0	0							
Wind direction	E	NE	NE	N	E	SE	NE	NE	NE	NE	NE	NE
Wind movement	4	6	3	2	5	1	4	2	3	3	2	3

Sunset: Time, 4:47 Character, Cloudy
Moonset: 1:22p

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	12	0	6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, ...
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 31
Prevailing wind direction, NE Total wind 94
Average hourly velocity, 3.9 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 11.20 a.m.
Reduced barometer, 30.77 7 a. m. 30.72 7 p. m.
River gage, 3.6 Feet
Relative humidity, 87 7 a. m. 72 7 p. m.

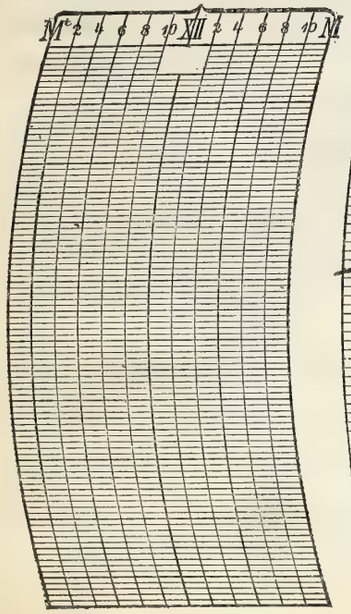
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

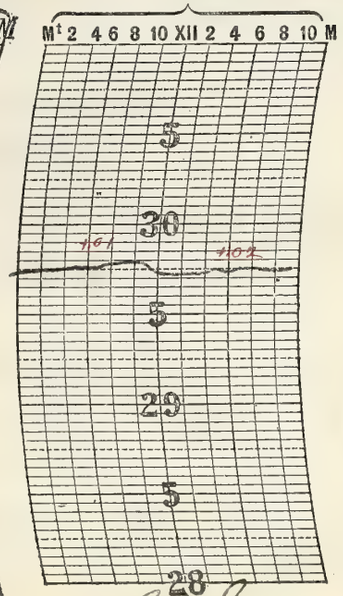
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 7.9 Wet temperature, 6.6
Dew-point, 0 R. humidity, 70 V. pressure, .038
Clouds: Amount, 4; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour) .....

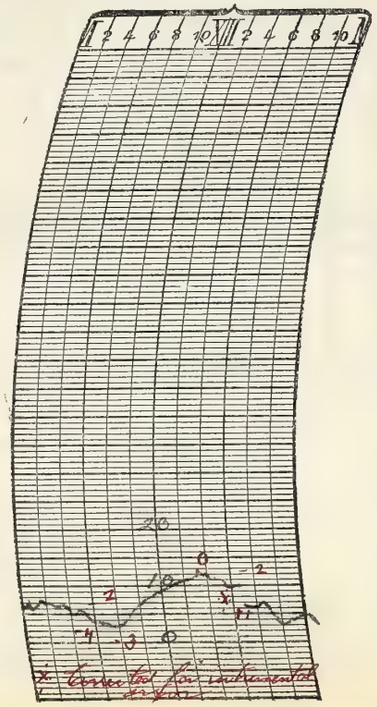
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow was observed this morning.
A quantity snowy and cold day; the minimum temperature was the lowest recorded to date this season.

Prepared by .....
Verified by C. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) , 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	2	2	1	1	1	2	2	2	5	6	7	9	10	10	10	9	7	6	4	3	3	0	-1
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←	Clear							Clear									→
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	.80 0							
Wind direction	NE	E	E	E	E	NE	NE	NE	NE	E	E	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	3	5	5	5	5	4	5	5	6	6	8	7	9	9	8	6	5	5	5	4	5	4	4	5

Sunrise: Time, 6:59 Character, Cloudy
Moonrise: 4:11a

Sunset: Time, 4:48 Character, Clear
Moonset: 2:14p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

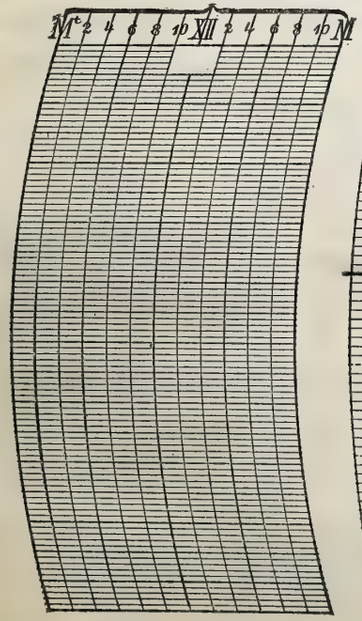
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
10	-1	4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.3 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 85
Prevailing wind direction, E. Total wind 133
Average hourly velocity, 5.5 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 1:56 pm
Reduced barometer, 30.81 7 a. m. 30.78 7 p. m.
River gage, 3.3 Feet.
Relative humidity, 76 7 a. m. 75 7 p. m.

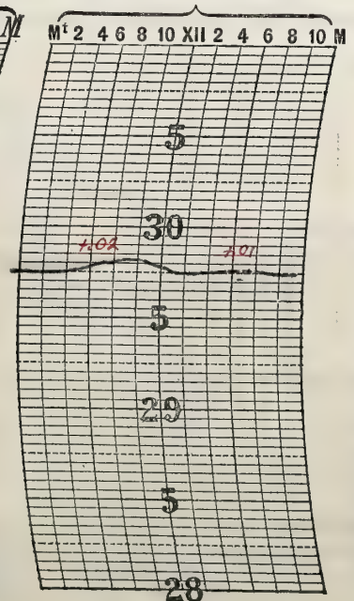
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 7.0 Wet temperature, 5.6
Dew-point, -1 R. humidity, 66 V. pressure, 0.36
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

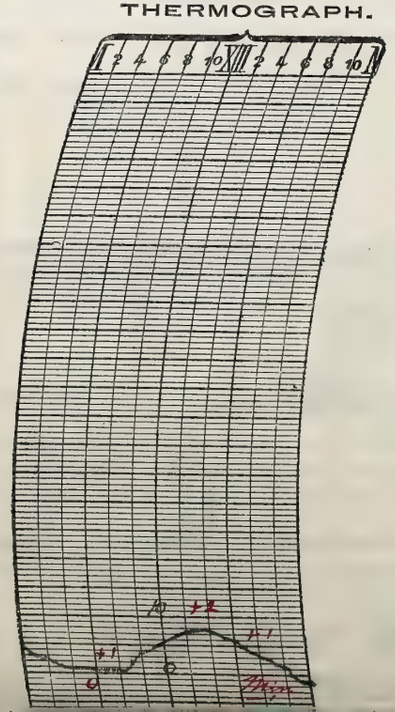
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Some ice and light floating ice observed this morning. A clear and cold day.

Prepared by C. C. S.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-1	-2	-4	-4	-5	-5	-5	-6	-2	4	7	12	14	16	17	17	15	12	11	10	10	9	7	7
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear								Clear									→
Sunrise: Time, Character, 6:58 Clear																					Sunset: Time, Character, 4:49 Cloudy			
Moonrise: 5:00a																					Moonset: 3:07p			
Sunshine (in tenths of hours)							.03 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0							
Wind direction	NE	E	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	E	E
Wind movement	4	3	4	7	8	5	6	8	9	9	10	8	8	10	11	8	8	9	9	7	8	7	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
17	-6	6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 6.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0-10), Few.

Actual sunshine, hours, 8.5 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 87

Prevailing wind direction, E Total wind 184

Average hourly velocity, 7.7 Extreme velocity, 13

Maximum velocity, 13 Direction, E

Time began, 2:30 pm.

Reduced barometer, 30.24 7 a. m. 30.51 7 p. m.

River gage, 3.1 Fall

Relative humidity, 88 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

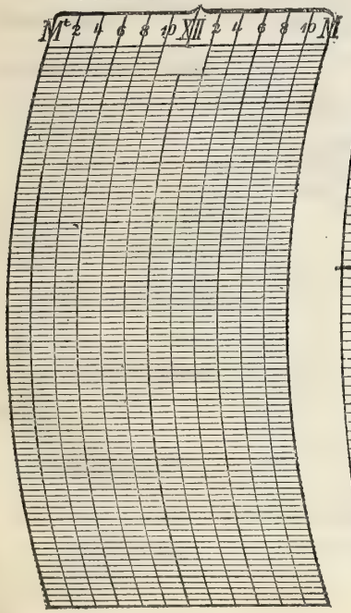
Dry temperature, 13.0 Wet temperature, 11.2

Dew-point, -5 R. humidity, 66 V. pressure, .049

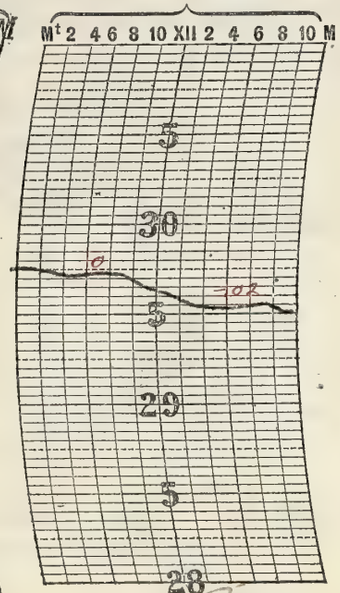
Clouds: Amount, Few; Kind, Ast; Direction, W

Velocity of clouds (miles per hour) _____

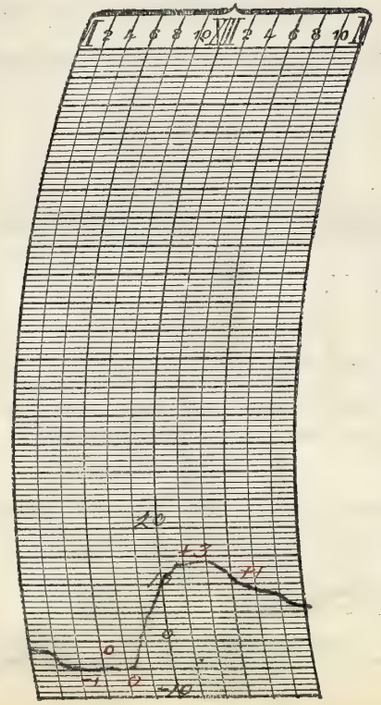
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice showed this morning. A clear and cold day; the minimum temperature, 6° below zero was the lowest recorded to date this season and the lowest for January since 1918.

Prepared by _____

Verified by C. McDonough

8—486

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	6	5	5	4	4	4	5	8	13	16	19	21	24	23	22	20	17	16	16	15	15	14	13
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear		× Pt. Cldy		×	Cloudy				× Pt. Cloudy		×	Clear					→
Sunrise: Time, Character,	6:57 Clear																				Sunset: Time, Character,	4:51 Cloudy		
Moonrise:	5:43a																				Moonset:	4:00p		
Sunshine (in tenths of hours)							.05 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	0.4	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	E	E	NE	NE	NE	NE	E	E	NE
Wind movement	9	7	8	7	7	7	9	11	12	12	11	12	13	14	11	12	11	9	10	11	12	11	10	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	3	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 6.6 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, _____

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 7.4 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 75

Prevailing wind direction, E Total wind 243

Average hourly velocity, 10.3 Extreme velocity, 18

Maximum velocity, 17 Direction, NE

Time began, 12:42 pm.

Reduced barometer, 30.40 7 a. m. 30.28 7 p. m.

River gage, 2.9 Feet

Relative humidity, 78 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

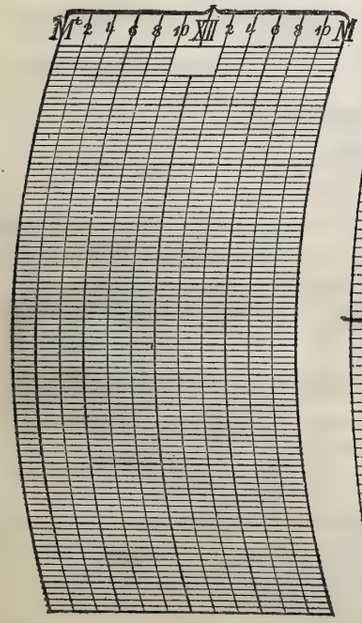
Dry temperature, 18.8 Wet temperature, 16.6

Dew-point, 11 R. humidity, 65 V. pressure, 06.6

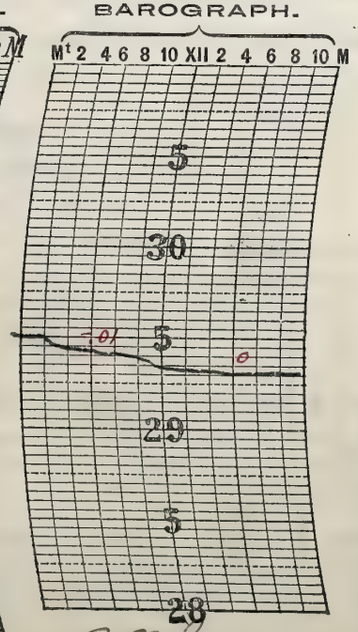
Clouds: Amount, 8; Kind, A. Cu; Direction, N.

Velocity of clouds (miles per hour) _____

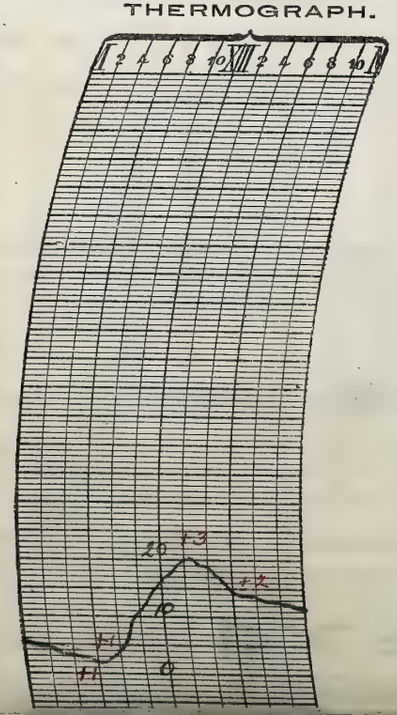
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow ice observed this morning. A partly cloudy day with rising temperature.

Prepared by CCS

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	13	12	11	10	10	10	11	13	15	18	20	22	23	24	23	21	19	18	17	17	16	16	15
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions							← Cloudy			× Pl. Cloudy			×	Cloudy				×	Pl. Cloudy					→
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	10	9	10	9	9	10	8	10	12	13	13	12	12	13	12	10	11	11	11	11	9	11	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:56 Character, Cloudy
Moonrise: 6:23a

Sunset: Time, 4:52 Character, Cloudy
Moonset: 4:36p

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

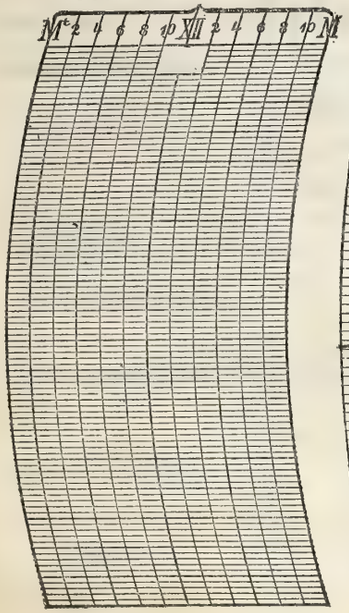
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	10	17	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 6.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pl. Cloudy Moon phase, New 5:48p
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.6 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 77
Prevailing wind direction, NE Total wind 255
Average hourly velocity, 10.6 Extreme velocity, 17
Maximum velocity, 16 Direction, E
Time began, 10:17 a.m.
Reduced barometer, 30.27 7 a. m. 30.24 7 p. m.
River gage, 2.8 Feet.
Relative humidity, 89 7 a. m. 75 7 p. m.

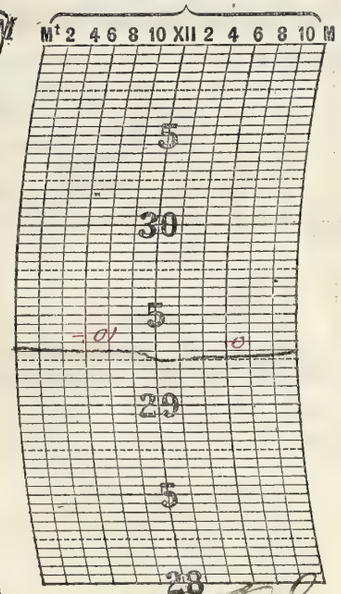
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.0 Wet temperature, 18.0
Dew-point, 13 R. humidity, 70 V. pressure, .074
Clouds: Amount, 4; Kind, A St; Direction, NW
Velocity of clouds (miles per hour)

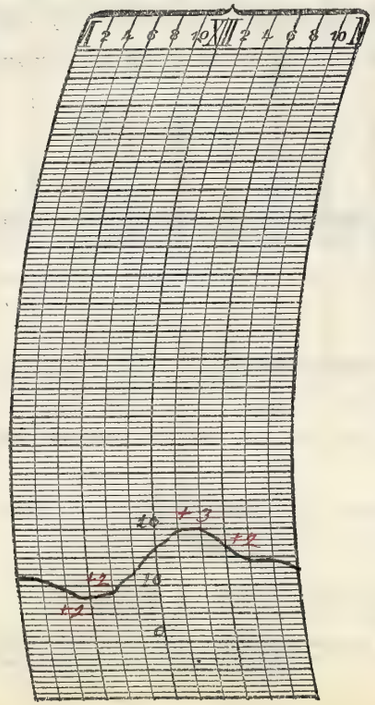
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice observed this morning
A partly cloudy day
with slowly rising temperature

Prepared by _____
Verified by C. M. Denough

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	14	13	13	12	11	11	10	11	14	16	18	21	24	26	27	27	26	25	23	22	21	19	17	16
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear						← Clear											
Sunrise: Time, Character,	6:55 Cloudy																				Sunset: Time, Character, 4:53 Clear			
Moonrise:	7:00 a.m.																				Moonset: 5:53 p.m.			
Sunshine (in tenths of hours)							ø 0	ø 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.78 0.1							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	9	9	9	9	8	8	8	9	10	11	9	6	8	10	10	8	9	9	8	8	7	9	9
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

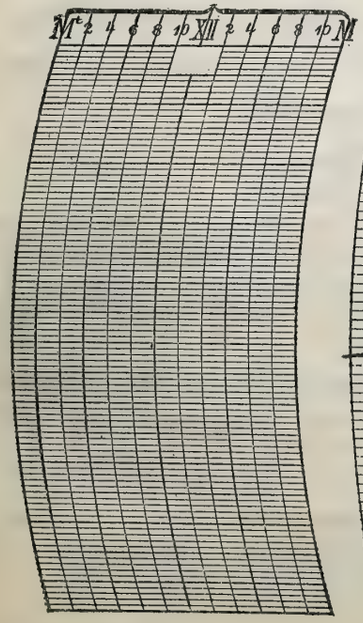
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	10	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 6.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 90
Prevailing wind direction, NE Total wind 209
Average hourly velocity, 8.7 Extreme velocity, 14
Maximum velocity, 13 Direction, E
Time began, 9:28 a.m.
Reduced barometer, 30.31 7 a. m. 30.36 7 p. m.
River gage, 2.6 Feet.
Relative humidity, 91 7 a. m. 80 7 p. m.

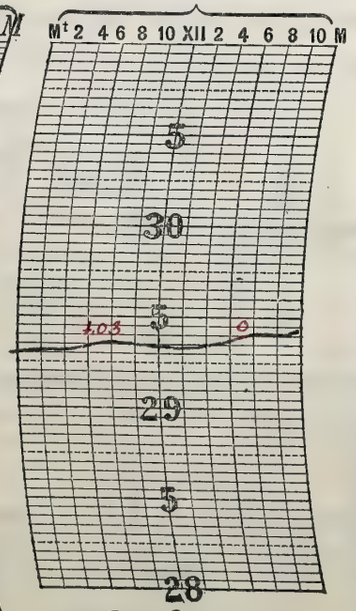
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.8 Wet temperature, 19.8
Dew-point, 15 R. humidity, 72 V. pressure, .081
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) _____

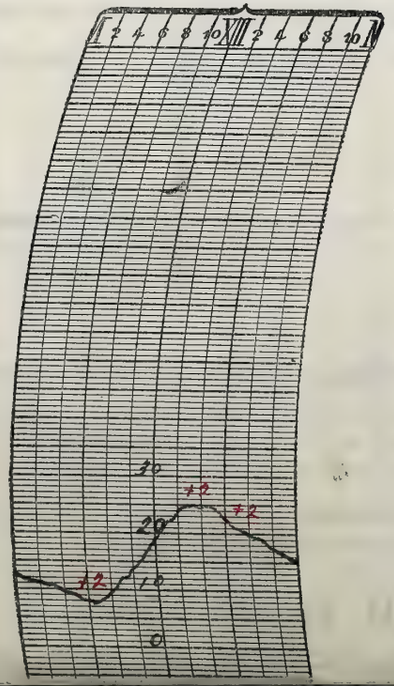
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by COS

Verified by P. McDonough

ø Eye observation; Clouds on eastern horizon obscured sun.

NOTES.

Shore ice observed this morning except for a very narrow channel the St. Marys River is frozen over near its junction with the ~~the Maumee~~ St. Joseph River.

A clear day with moderately low temperatures

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	15	14	13	12	11	11	12	14	18	21	24	27
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunshine (in tenths of hours)							.08 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	8	7	6	7	7	5	4	6	8	10	11	11
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 6:55 Character, Clear

Moonrise: 7:31a

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	30	30	29	28	26	26	24	23	22	22	21
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear →					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.50 0.4							
Wind direction	E	NE	E	NE	NE	NE	NE	E	NE	E	E	E
Wind movement	10	10	11	12	10	7	3	6	8	10	9	8
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 4:54 Character, Clear

Moonset: 6:49p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	11	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 5.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 10.0 Possible sunshine, hours, 10.0

Per cent of possible sunshine, 100

Prevailing wind direction, NE Total wind 194

Average hourly velocity, 8.1 Extreme velocity, 15

Maximum velocity, 15 Direction, E

Time began, 11:33 a.m.

Reduced barometer, 30.46 7 a. m. 30.54 7 p. m.

River gage, 2.6 Feet

Relative humidity, 88 7 a. m. 73 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

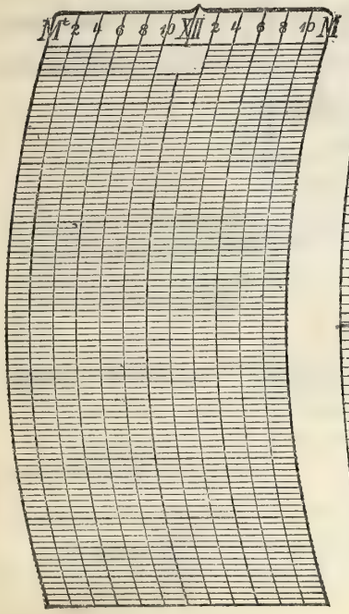
Dry temperature, 25.0 Wet temperature, 21.3

Dew-point, 12 R. humidity, 54 V. pressure, .070

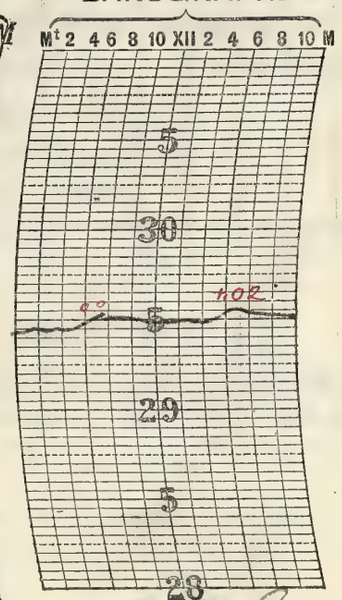
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

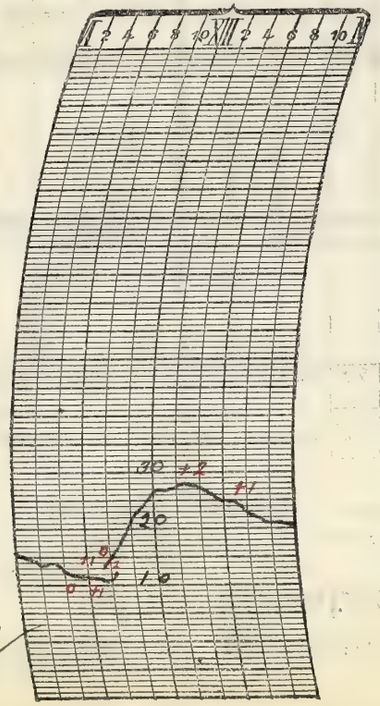
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Some ice observed this morning.

A clear day with moderate temperature

Prepared by _____

Verified by P. M. Donough

8—486

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20	19	19	17	17	17	17	18	19	22	25	29	32	35	36	36	35	33	33	31	30	28	27	26
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →						←			Pt Cloudy		→	× Clear			×	Pt Cloudy				→			
Sunrise: Time, Character,	6:54 Cloudy																				Sunset: Time, Character,	4:55 Cloudy		
Moonrise:	8:01 a																				Moonset:	7:45 p		
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2							
Wind direction	E	E	E	NE	NE	NE	NE	E	E	E	E	E	E	NE	E	E	E	E	E	E	E	E	E	E
Wind movement	11	10	8	8	9	8	8	7	8	9	7	7	7	8	9	9	7	9	9	8	7	6	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

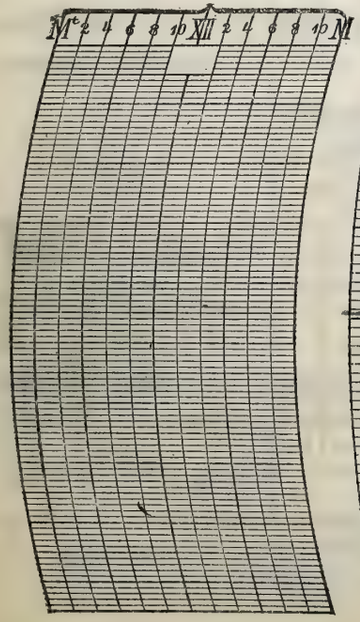
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	16	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 4.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, _____
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 80
Prevailing wind direction, E Total wind 191
Average hourly velocity, 8.0 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 12:22 p.m.
Reduced barometer, 30.32 7 a. m. 30.46 7 p. m.
River gage, 2.5 Feet.
Relative humidity, 87 7 a. m. 72 7 p. m.

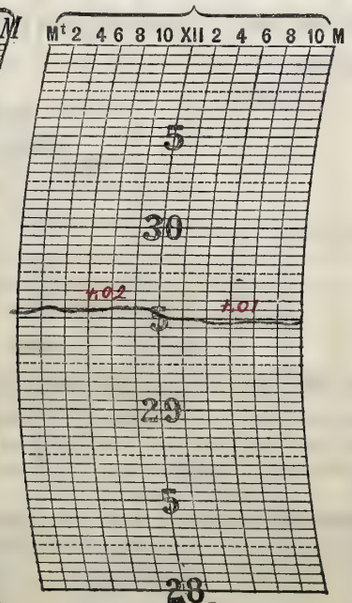
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.0 Wet temperature, 26.5
Dew-point, 20 R. humidity, 62 V. pressure, 103
Clouds: Amount, 5; Kind, Ast; Direction, NW.
Velocity of clouds (miles per hour) _____

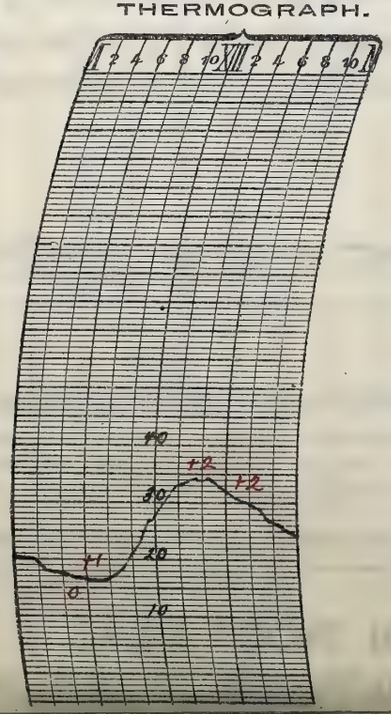
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice observed this morning.

A partly cloudy day with moderate temperatures.

Prepared by C.O.S.

Verified by P. McDonough.

Verified by C. M. Doroughs

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90th mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	22	20	21	19	21	21	27	32	38	43	46	48	46	44	41	40	37	37	37	37	36
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear	Foggy			Pt. Cloudy					Cloudy								
Sunrise: Time, Character, 6:53 Clear. Moonrise: 8:30a																					Sunset: Time, Character, 4:57 Cloudy. Moonset: 8:41p.			
Sunshine (in tenths of hours)							.12 0	0.2 0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0							
Wind direction	E	E	E	E	E	E	0	E	E	E	E	S	S	SW	SW	SW	SE	SE	SE	E	SE	SE	SE	SE
Wind movement	4	3	4	3	2	1	0	2	2	1	2	4	3	5	5	3	2	2	3	4	5	4	5	3
Maximum velocities (exceeding 60 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	19	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, _____
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.0 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 69
Prevailing wind direction, E Total wind 72
Average hourly velocity, 3.0 Extreme velocity, 6
Maximum velocity, 6 Direction, SW
Time began, 2:11 pm.
Reduced barometer, 30.41 7 a. m. 30.32 7 p. m.
River gage, 25 Feet.
Relative humidity, 85 7 a. m. 64 7 p. m.

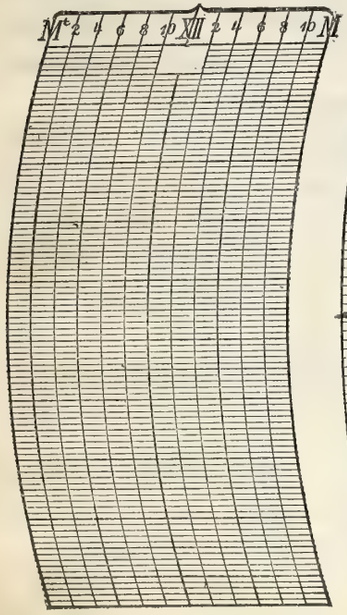
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

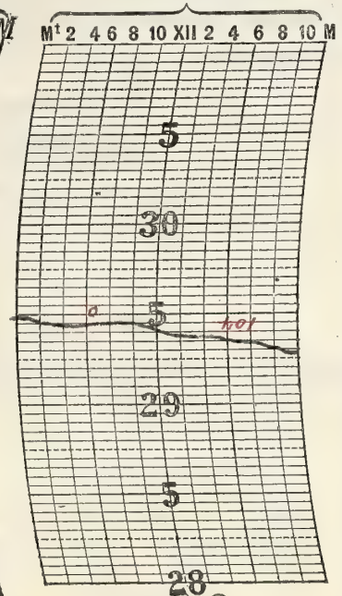
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.5 Wet temperature, 34.2
Dew-point, 28 R. humidity, 65 V. pressure, .150
Clouds: Amount, 6; Kind, ACu; Direction, NW.
Velocity of clouds (miles per hour) _____

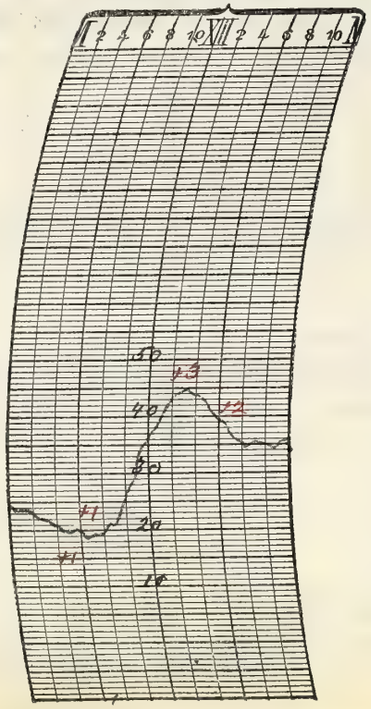
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Some ice observed this morning.
Dense fog began – 7:15 am.
Dense fog ended – 9:57 am.
Light fog began – 9:57 am.
Light fog ended – 11:30 am.
A partly cloudy day with mild temperatures which caused a rapid melting of the snow and made the streets muddy and sloppy.

Prepared by _____
Verified by C. M. Doroughs

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	39	39	38	38	40	40	41	40	40
State of weather: Nature of precipitation and time of beginning and ending											RB 10:30	
Amounts of precipitation											—	—
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, Character,	6:52 Cloudy											
Moonrise:	8:59a											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	3	5	5	6	8	10	5	8	8	13	13	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	43	42	43	43	44	43	42	41	40	39
State of weather: Nature of precipitation and time of beginning and ending								RE 7:15				
Amounts of precipitation	—	—	—	—	—	—	—	—				
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									4:58 Cloudy			
Moonset:									9:37p			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	17	19	18	17	14	16	14	16	18	15	19

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	34	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .33 ins.

Total precipitation, midnight to midnight, .33 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 0

Prevailing wind direction, SE Total wind 291

Average hourly velocity, 12.1 Extreme velocity, 25

Maximum velocity, 23 Direction, SW

Time began, 11:26 p.m.

Reduced barometer, 29.29 7 a. m. 29.27 7 p. m.

River gage, 2.5 Feet.

Relative humidity, 67 7 a. m. 89 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

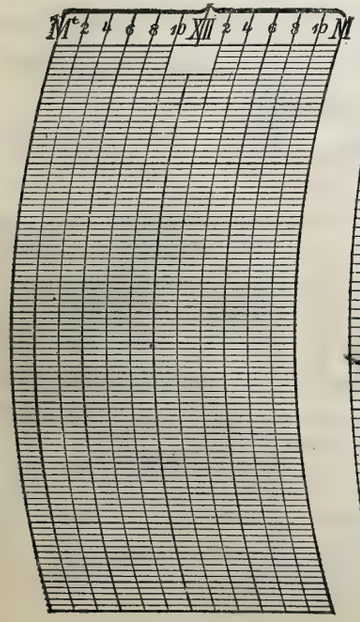
Dry temperature, 40.3 Wet temperature, 38.8

Dew-point, 37 R. humidity, 88 V. pressure, .219

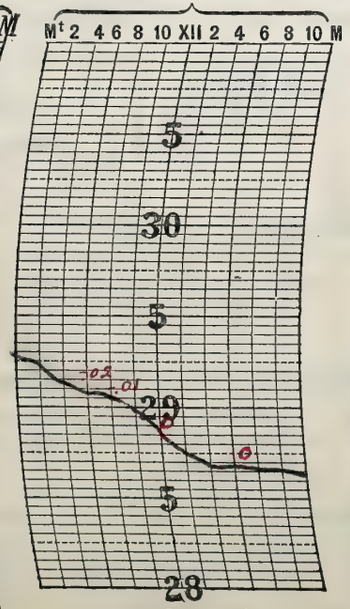
Clouds: Amount, 10; Kind, Nb; Direction, SE

Velocity of clouds (miles per hour)

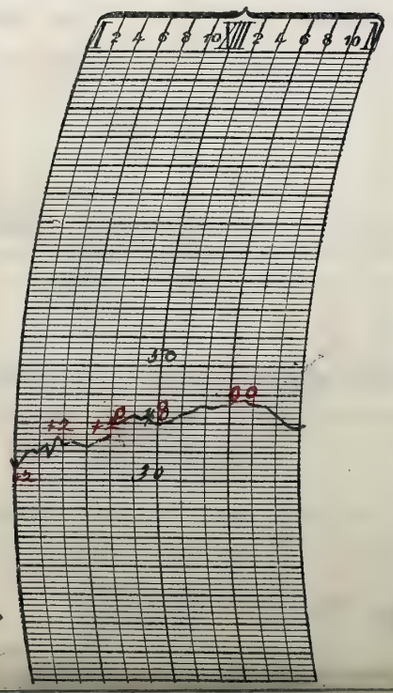
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Some ice observed this morning. A cloudy day with moderate temperatures and light rain from the late morning hours until the early night hours.

Prepared by CCS

Verified by P. McDonough

Verified by C. M. Denny
FORM NO. 1012—Mec 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	37	36	34	32	30	28	27	25	26	26	27
State of weather: Nature of precipitation and time of beginning and ending										S 9 B 8:00 S 9 E 9:04	S 9 B 10:30	S 9 E 11:30
Amounts of precipitation										—	—	—
Cloudiness and other conditions							← Cloudy				× Pick	
Sunshine (in tenths of hours)							.15 0	0.2 0.1	0.7	0.6	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	22	26	28	30	25	28	28	32	32	33	29	30
Maximum velocities (exceeding 29 miles) direction and time			32 SW 1:50	36 SW 3:25	34 SW 4:04	35 SW 5:03	38 SW 6:12	40 SW 7:28	40 SW 8:10	37 SW 9:55	33 SW 10:54	33 W 11:41

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	28	28	29	29	30	30	30	30	30	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	0.7	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	33	35	31	30	28	29	26	27	28	25	22	25
Maximum velocities (exceeding 29 miles) direction and time	39 SW 12:04	40 SW 1:18p	39 SW 2:49	36 W 3:22	36 W 4:11	36 SW 5:11	30 W 6:16	33 W 7:48	34 SW 8:42	30 SW 9:15		33 W 11:57

Sunrise: Time, 6:51 Character, Clear
Moonrise: 9:28a
Sunset: Time, 4:59 Character, Cloudy
Moonset: 10:35p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	25	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.4 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 53
Prevailing wind direction, SW Total wind 682
Average hourly velocity, 28.4 Extreme velocity, 48
Maximum velocity, 40 Direction, SW
Time began, 1:12 pm.
Reduced barometer, 29.52 7 a. m. 29.65 7 p. m.
River gage, 5.8 Feet.
Relative humidity, 77 7 a. m. 78 7 p. m.

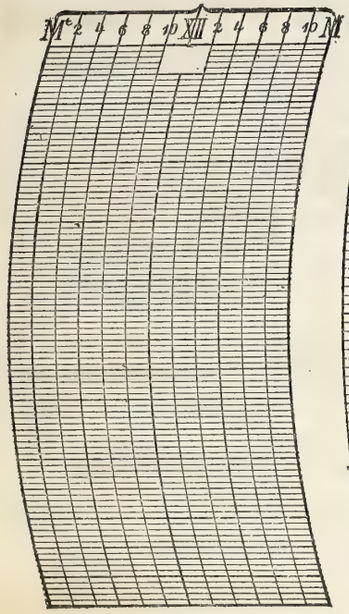
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

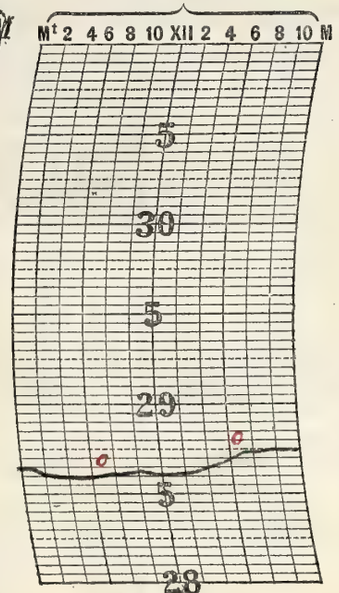
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 27.0 Wet temperature, 23.3
Dew-point, 15 R. humidity, 57 V. pressure, .081
Clouds: Amount, 7; Kind, St Cu; Direction, W.
Velocity of clouds (miles per hour) _____

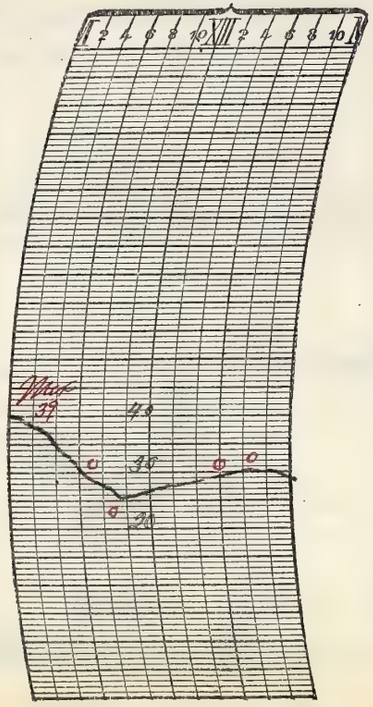
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Slight ice observed this morning. A cloudy and cold day with brisk to high southwesterly winds.

Prepared by 608
Verified by C. M. Denny

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Monroe, Va., (Day of week) _____, (Date) _____, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	25	25	24	23	23	23	24	27	29	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)							0	0.2 0.6	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	26	24	21	21	21	21	18	18	23	24	25	25
Maximum velocities (exceeding 29 miles) direction and time	31 SW 12:43								30 SW 8:58	30 W 9:04		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	29	28	28	28	27	26	25	25	24	24
State of weather: Nature of precipitation and time of beginning and ending		9a 0 155			SE 420							
Amounts of precipitation												
Cloudiness and other conditions	Pl. Cldy				Cloudy							
Sunshine (in tenths of hours)	1.0	1.0	0.2	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	27	26	24	22	22	17	14	13	10	8	10	8
Maximum velocities (exceeding 29 miles) direction and time	37 SW 12:16	31 W 1:32	30 W 2:52									

Sunrise: Time, 6:50 Character, Cloudy
Moonrise: 9:59a

Sunset: Time, 5:01 Character, Cloudy
Moonset: 11:33p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	23	27	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pl. Cloudy Moon phase, _____
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.0 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 69
Prevailing wind direction, W Total wind 468
Average hourly velocity, 19.5 Extreme velocity, 41
Maximum velocity, 37 Direction, SW
Time began, 12:16 p.m.
Reduced barometer, 29.77 7 a. m. 29.95 7 p. m.
River gage, 7.5 Feet.
Relative humidity, 87 7 a. m. 69 7 p. m.

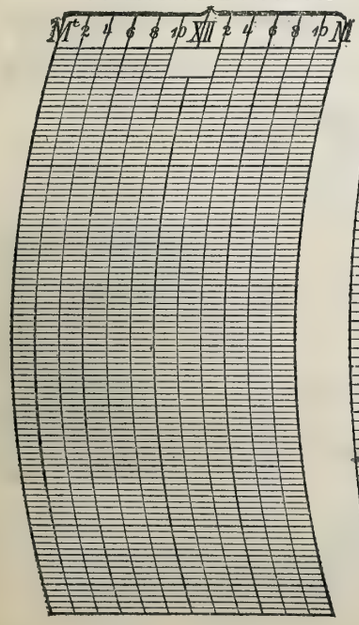
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

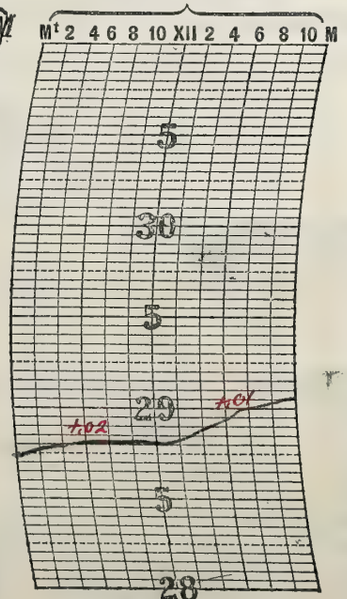
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.2 Wet temperature, 26.0
Dew-point, 20 R. humidity, 65 V. pressure, 20.3
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

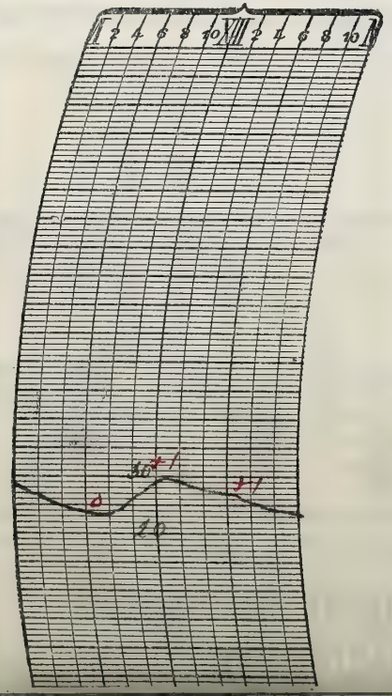
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice and light floating ice observed this morning. A pleasantly cloudy day with moderately cold weather.

Prepared by C.A.S.
Verified by C. McDonough

Form No. 1017—Sec. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	22	21	21	21	21	22	26	29	32	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunshine (in tenths of hours)							1.8 / 0	0.8 / 0.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	8	8	7	9	8	9	9	12	11	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	36	35	35	34	33	33	31	30	29	28	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		→ Pt. Cloudy				Cloudy →						
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0	0						
Wind direction	SW	SW	SW	SW	SW	S	S	S	SE	SE	SE	SE
Wind movement	12	11	10	10	7	8	8	5	6	7	6	4

Sunrise: Time, 6:49 Character, Clear
Moonrise: 10:33a
Sunset: Time, 5:02 Character, Cloudy
Moonset:

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

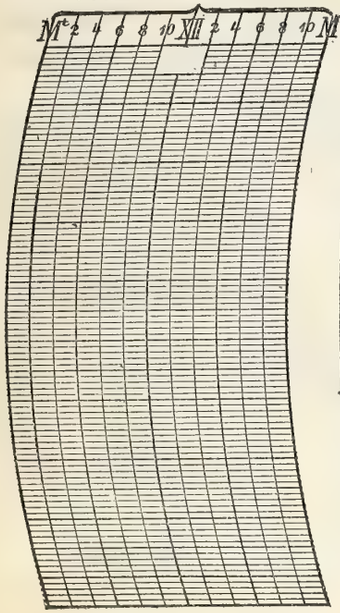
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	21	29	

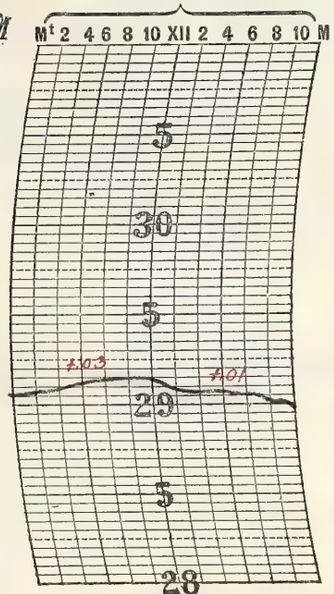
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, F.Q. 10:32 p.
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.4 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 82
Prevailing wind direction, SW Total wind 205
Average hourly velocity, 8.5 Extreme velocity, 17
Maximum velocity, 15 Direction, SW
Time began, 12:08 pm
Reduced barometer, 30.11 7 a. m. 30.02 7 p. m.
River gage, 6.7 Feet
Relative humidity, 71 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 32.8 Wet temperature, 29.3
Dew-point, 24 R. humidity, 66 V. pressure, 124
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

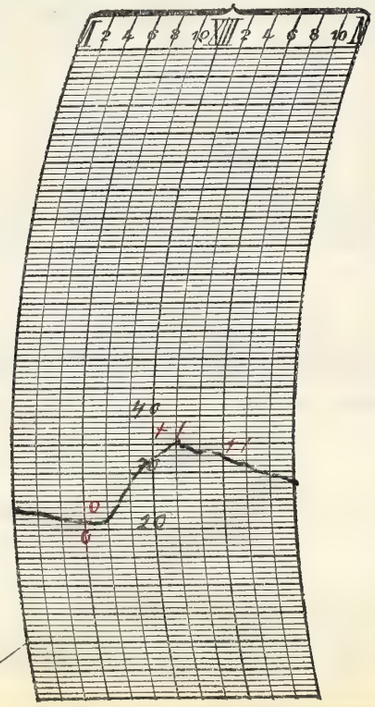
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice and light floating ice observed this morning. A clear day with moderate temperatures.

Prepared by CAS
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	30	30	31	33	34	35	36	37	38	40
State of weather: Nature of precipitation and time of beginning and ending	RASIB DNA						RASIE 6:28		RE 8:40		RE 10:22	
Amounts of precipitation	—	—	—	—	—	—	—		—	—	—	
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, Character,	6:48 Cloudy											
Moonrise:	11:11 a											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	S	S	S	S	SW	SW	SW
Wind movement	5	7	9	10	8	8	9	13	12	13	14	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	40	38	37	37	36	36	36	35	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy →											
Sunset: Time, Character,									5:03 Cloudy			
Moonset:									12:31 a			
Sunshine (in tenths of hours)	0.9	0.4	0	0	0	0						
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	15	14	11	10	9	6	6	5	4	5	4	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

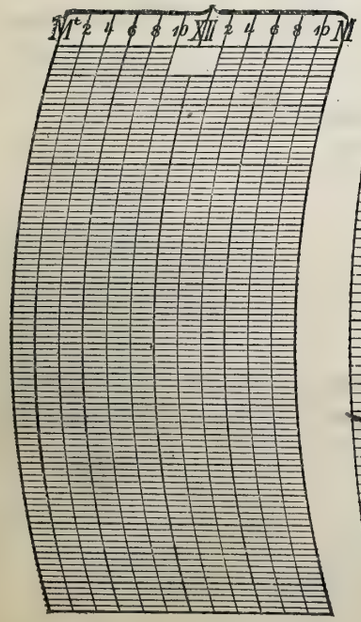
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	26	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.3 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 13
Prevailing wind direction, W Total wind 219
Average hourly velocity, 9.1 Extreme velocity, 19
Maximum velocity, 17 Direction, SW.
Time began, 11:44 a.m.
Reduced barometer, 29.71 7 a. m. 29.73 7 p. m.
River gage, 5.7 Feet.
Relative humidity, 95 7 a. m. 83 7 p. m.

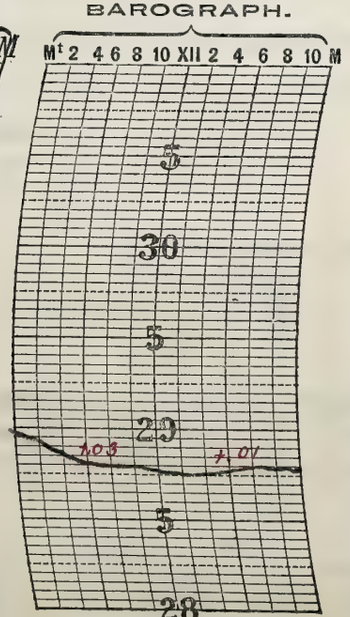
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.0 Wet temperature, 37.5
Dew-point, 37 R. humidity, 26 V. pressure, .212
Clouds: Amount, 10; Kind, St; Direction, SW.
Velocity of clouds (miles per hour)

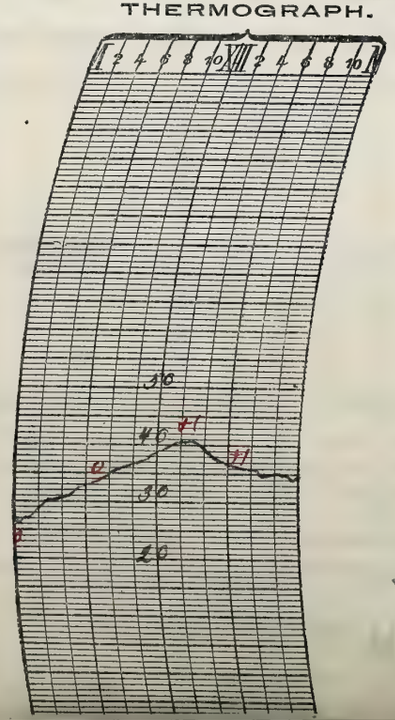
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Depth of unmelted sleet 0.1 inch, estimated.

A cloudy day with moderate temperature and a fine drizzling rain during the morning hours. Sleet observed this morning.

Prepared by C.C.S.

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	32	32	31	31	29	29	29	29	29	29	29	29	29	29	28	27	27	27	25	23	22
														3mB 1:10				5mE 6:00						
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation														—	—	—	—	—						
Cloudiness and other conditions							← Cloudy								Cloudy →									
Sunrise: Time, 6:47; Character, Cloudy																					Sunset: Time, 5:04; Character, Cloudy			
Moonrise: 11:53a																					Moonset: 1:31a			
Sunshine (in tenths of hours)							0	0	0	0	0	0.3	0.3	0	0	0	0	0						
Wind direction	NW	W	W	W	W	NW	NW	NW	NW	NW	W	NW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	6	5	6	8	10	12	12	14	14	14	14	14	12	12	12	12	10	10	9	7	5	7	13	13
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	22	28	✓

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 6
Prevailing wind direction, NW Total wind 253
Average hourly velocity, 10.5 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 11:10 pm
Reduced barometer, 29.88 7 a. m. 30.04 7 p. m.
River gage, 5.6 Feet
Relative humidity, 79 7 a. m. 87 7 p. m.

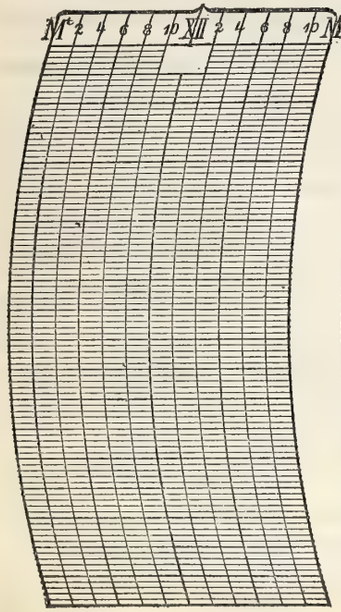
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

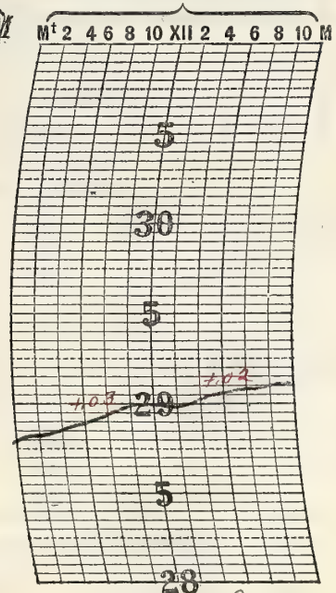
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.3 Wet temperature, 27.4
Dew-point, 24 R. humidity, 79 V. pressure, .124
Clouds: Amount, 10; Kind, Stcu; Direction, NW.
Velocity of clouds (miles per hour) _____

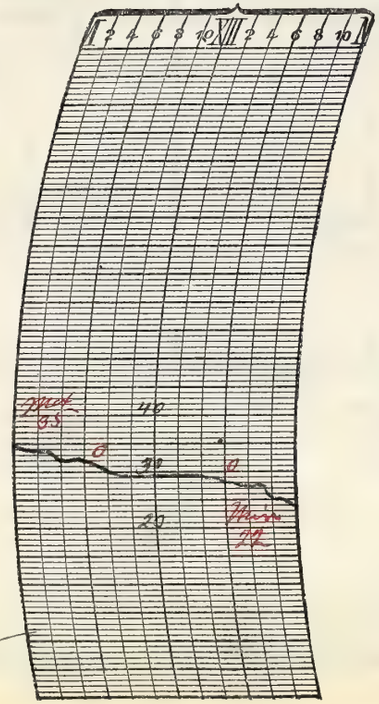
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Some ice observed this morning. A cloudy day and gloomy with moderately cold weather and a very light moist snow falling during most of the afternoon hours.

Prepared by _____

Verified by C. M. Donough

8—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	20	19	18	17	16	16	17	18	21	24	26	26	26	26	25	24	24	24	23	24	24	25	24
State of weather. Nature of precipitation and time of beginning and ending							S^ty B 6:18						S^ty E 12:50	S^ty B 1:10				S^ty E 5:15						
Amounts of precipitation							—	—	—	—	—	—	—	—	—	—	—	—						
Cloudiness and other conditions							← Cloudy								Cloudy									→
Sunrise: Time, 6:45. Character, Cloudy. Moonrise: 10:43p																					Sunset: Time, 5:05. Character, Cloudy. Moonset: 2:31a			
Sunshine (in tenths of hours)							0	0	0	0	0.6	0.8	1.0	1.0	0.5	0.4	0.1	0						
Wind direction	NW	NW	NW	NW	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	W	NW	NW	W	NW	W	W
Wind movement	13	14	11	11	11	11	14	15	14	14	13	13	15	17	17	17	14	14	13	10	10	10	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	16	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 4.4 Possible sunshine, hours, 10.3

Per cent of possible sunshine, 43

Prevailing wind direction, NW Total wind 30.5

Average hourly velocity, 12.7 Extreme velocity, 24

Maximum velocity, 21 Direction, NW

Time began, 12:42 pm.

Reduced barometer, 30.18 7 a. m. 30.44 7 p. m.

River gage, 5.3 Feet.

Relative humidity, 84 7 a. m. 77 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts .....

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

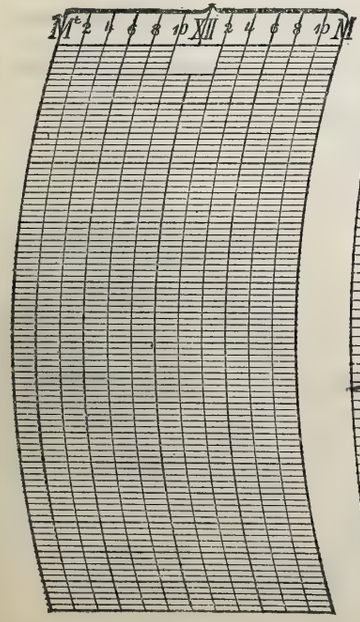
Dry temperature, 25.0 Wet temperature, 24.2

Dew-point, 23 R. humidity, 90 V. pressure, .118

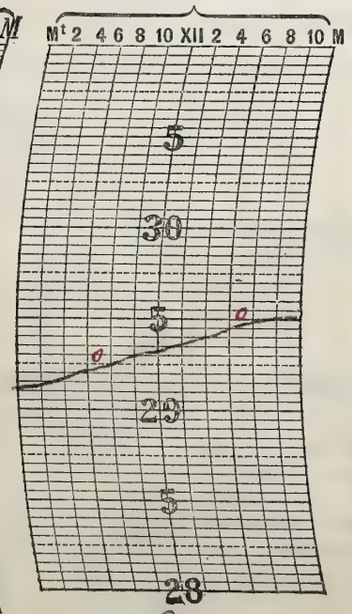
Clouds: Amount, 9; Kind, St Cu.; Direction, NW.

Velocity of clouds (miles per hour) .....

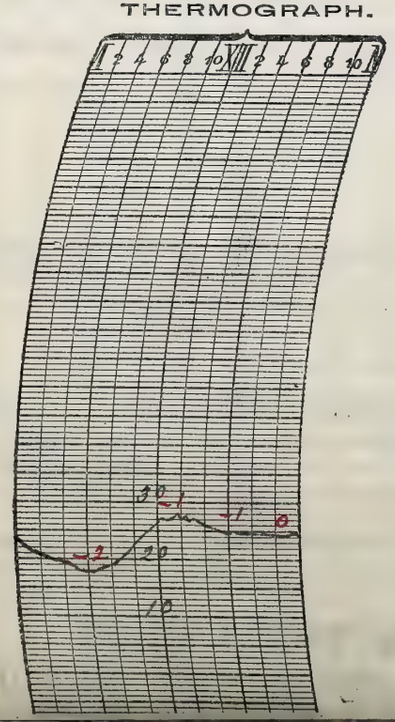
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow was observed this morning. A cloudy and cold day with snow flurries during the major portion of the daylight hours.

Prepared by .....

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	20	20	19	19	18	21	25	28	32	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Pl. Cloudy ×			Clear		
Sunshine (in tenths of hours)							0	0.4	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	9	8	7	6	9	11	12	12	15	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	39	39	37	35	34	34	35	34	34	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				× Pl. Cloudy ×			Clear		× Pl. Cloudy ×			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	SW	S	SW
Wind movement	18	18	19	19	16	15	15	18	17	18	17	17

Sunrise: Time, 6:44 Character, Cloudy

Moonrise: 1:41 p.

Sunset: Time, 5:07 Character, Cloudy

Moonset: 3:29 a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	18	29	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pl. Cloudy Moon phase, _____

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 8.5 Possible sunshine, hours, 10.4

Per cent of possible sunshine, 82

Prevailing wind direction, S.W. Total wind 328

Average hourly velocity, 13.7 Extreme velocity, 24

Maximum velocity, 23 Direction, S.W.

Time began, 2:06 pm

Reduced barometer, 30.49 7 a. m. 30.23 7 p. m.

River gage, 4.8 Feet.

Relative humidity, 81 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

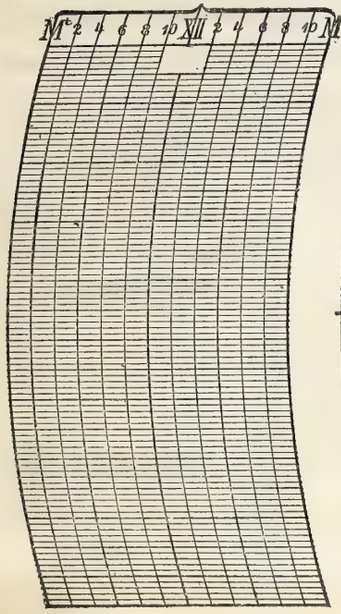
Dry temperature, 33.3 Wet temperature, 31.8

Dew-point, 29 R. humidity, 85 V. pressure, .157

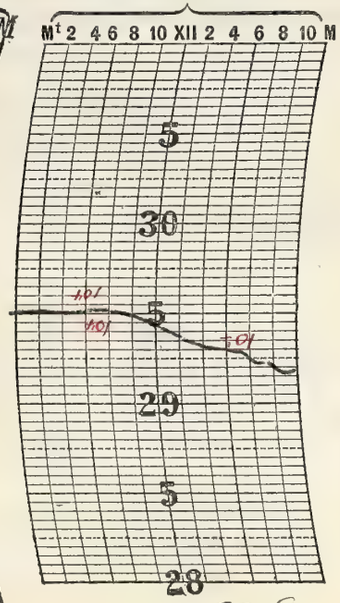
Clouds: Amount, 2; Kind, ASt; Direction, NW.

Velocity of clouds (miles per hour)

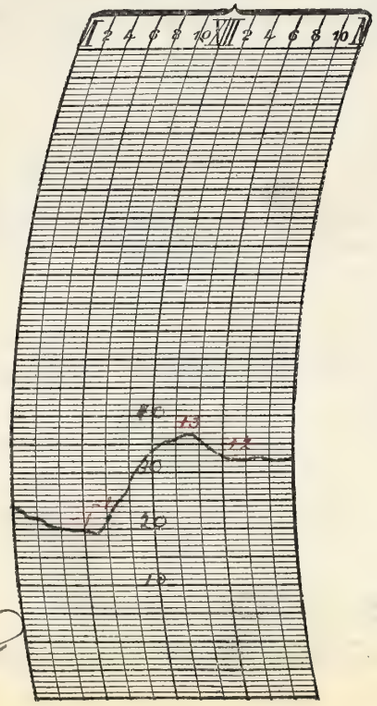
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow ice observed this morning.

A faint solar halo of 22° radius began at 4:00 pm, and ended at 4:48 pm.

A faint lunar halo of 22° radius was observed from 6:40 p.m. until about 9:30 pm.

A partly cloudy day with moderate temperatures.

Prepared by C. O. S.

Verified by C. M. Donnough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	42	40	37	35	34	34	34	36	35	35	35	35	34	32	31	30	30	30	29	29	28	28
State of weather. Nature of precipitation and time of beginning and ending																			SPB 6:37	SPE 9:15				
Amounts of precipitation																			—	—				
Cloudiness and other conditions							← Clear				× Pt. Cldy				Cloudy									
Sunrise: Time, 6:41; Character, Clear																					Sunset: Time, 5:10; Character, Cloudy			
Moonrise: 5:08p																					Moonset: 6:03a			
Sunshine (in tenths of hours)							.32 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	.2	0	.2						
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	NW	N	N	NW	N	N	N	NE	NE	NE	NE	E	NE	NE	E
Wind movement	11	12	10		11	13	11	12	15	14	14	13	12	10	7	6	12	15	17	13	13	14	15	17
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	28	37	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase, Full 7:18 pm

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 8.0 Possible sunshine, hours, 10.5

Per cent of possible sunshine, _____

Prevailing wind direction, NW Total wind 228

Average hourly velocity, 10 Extreme velocity, _____

Maximum velocity, 18 Direction, NE

Time began, 10:30 pm

Reduced barometer, 29.91 7 a. m. 29.97 7 p. m.

River gage, 4.5 Feet.

Relative humidity, 75 7 a. m. 50 7 p. m.

Excessive precipitation, accumulated amounts	Total duration, From—	Total duration, To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

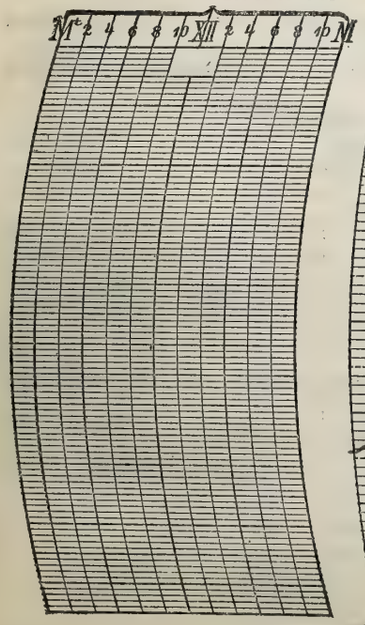
Dry temperature, 35.3 Wet temperature, 30.6

Dew-point, 23 R. humidity, 58 V. pressure, .118

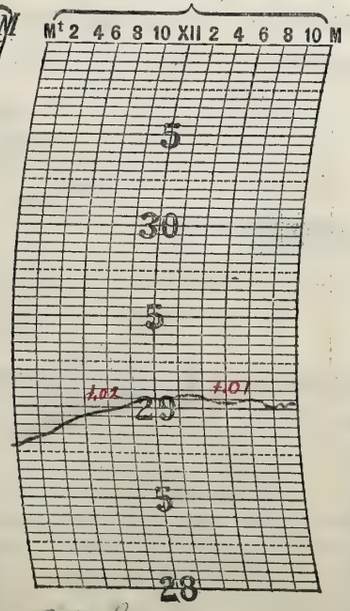
Clouds: Amount, 8; Kind, Ast; Direction, NW

Velocity of clouds (miles per hour) _____

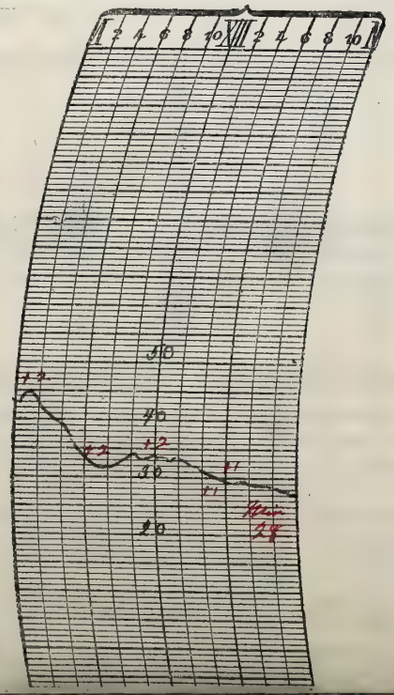
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fair day, cloudy, day with moderate temperatures which began to fall toward evening.

Prepared by _____

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	25	24	24	24	24	24	24	25	25	[illegible]	26
State of weather: Nature of precipitation and time of beginning and ending		S[illegible]									S[illegible] 10:28	S[illegible] 11:10 11:20 11:40
Amounts of precipitation		—	—								—	—
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	6:39 Cloudy											
Moonrise:	6:24 p											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	NE	NE	E	E	E	E	E	E	E	E
Wind movement	16	17	21	21	22	26	22	23	22	17	17	14
Maximum velocities (exceeding 27 miles) direction and time						31 E 5:27						

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	27	27	28	29	29	29	28	25	24	22	21
State of weather: Nature of precipitation and time of beginning and ending		SE 1:45									S[illegible] P.M.	
Amounts of precipitation	—	—									—	—
Cloudiness and other conditions				Cloudy								
Sunset: Time, Character,									5:13 Cloudy			
Moonset:									6:14 a			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	W	NW	NW	NW	NW	W	W	W	W	W
Wind movement	7	4	7	13	19	21	19	22	22	19	20	7
Maximum velocities (exceeding 27 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	21	25	

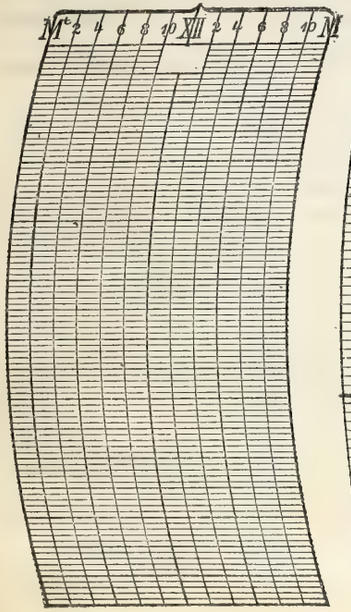
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 430
Average hourly velocity, 17.9 Extreme velocity, 33
Maximum velocity, 31 Direction, E
Time began, 5:27 a
Reduced barometer, 29.86 7 a. m. 29.93 7, p. m.
River gage, 4.95 [illegible]
Relative humidity, 74 7 a. m. 60 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

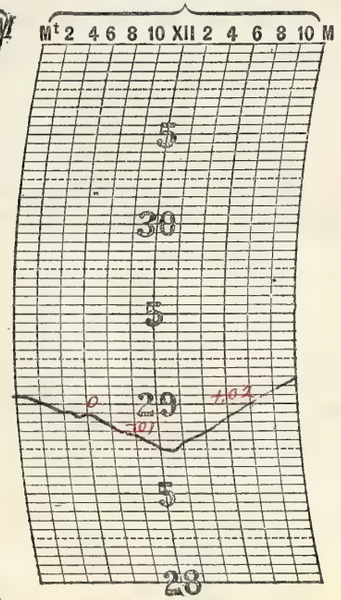
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 25.9 Wet temperature, 24.9
Dew-point, 23 R. humidity, 88 V. pressure, 11.8
Clouds: Amount, 10; Kind, Nb; Direction, SE
Velocity of clouds (miles per hour)

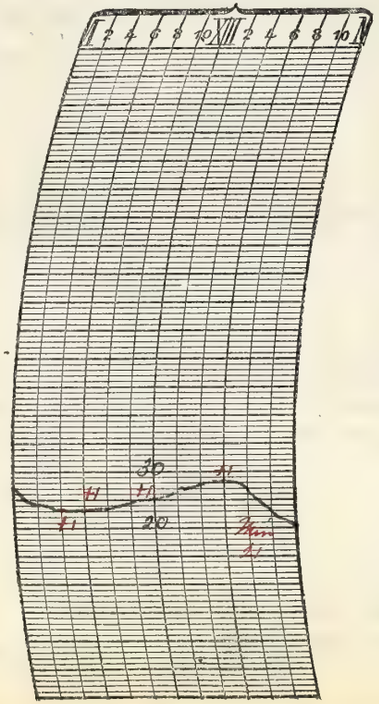
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold wave warning included in am forecast received at 10:16 a.m. It was telephoned to all interested parties.

Special 10:00 Noon (90th Meridian Time) observation called for by the Central Office.

A dark and gloomy day. Rain commenced falling near noon and fog as it fell making walking and driving very disagreeable.

Prepared by [illegible]
Verified by C. M. Strong

8—486

Form No. 1014—Met.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). [illegible] mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	19	18	16	15	14	[illegible]	13	14	16	17	18	18	19	20	21	20	20	20	19	18	17	17	17
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear		× Pt Cldy		× Clear				→ × Pt Cldy		× - Clear							→
Sunrise: Time, 6:38 Character, Cloudy																					Sunset: Time, 5:23 Character, Clear			
Moonrise: 7:36p																					Moonset: [illegible]			
Sunshine (in tenths of hours)							0	0.4	1.0	1.0	1.0	1.0	0.4	0.9	0.9	1.0	0.3 0.7	.22 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	E	SE	SE	SE
Wind movement	20	18	18	16	17	15	14	14	14	14	14	12	10	9	8	8	6	5	4	4	3	3	4	4
Maximum velocities (exceeding [illegible] miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

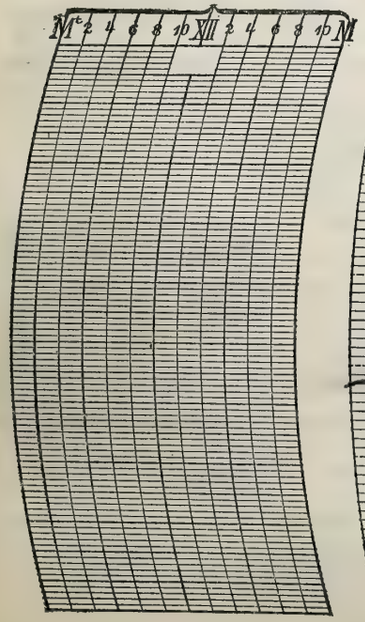
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	12	16	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to [illegible] p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.8 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, 83
Prevailing wind direction, W Total wind [illegible]
Average hourly velocity, [illegible] Extreme velocity, [illegible]
Maximum velocity, 23 Direction, W
Time began, 1:02 p. m.
Reduced barometer, 30.32 7 a. m. 30.48 7 p. m.
River gage, 4.6 Fall
Relative humidity, [illegible] 7 a. m. [illegible] 7 p. m.

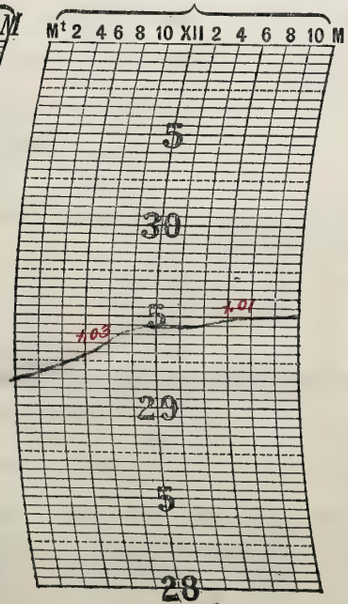
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 18.2 Wet temperature, [illegible]
Dew-point, [illegible] R. humidity, [illegible] V. pressure, [illegible]
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

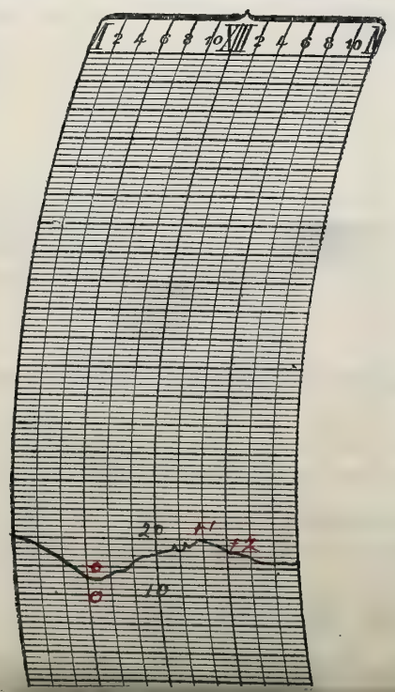
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice observed this morning
a partly cloudy and coldest
day

Prepared by [illegible]
Verified by C. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	16	14	14	14	13	14	19	22	23	25	27	28	29	31	31	29	29	28	27	27	27	26	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear					→	Pt. Cloudy			→ Cloudy								
Sunrise: Time, Character, 6:37 Cloudy																					Sunset: Time, Character, 5:14 Cloudy			
Moonrise: 8:42 p.m.																					Moonset: 8:42 a.m.			
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0						
Wind direction	SE	SE	SE	E	NE	NE	E	SE	SE	SE	SE	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	3	2	1	4	3	3	3	1	3	4	4	4	5	4	4	5	5	6	5	3	3	4	3	2
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

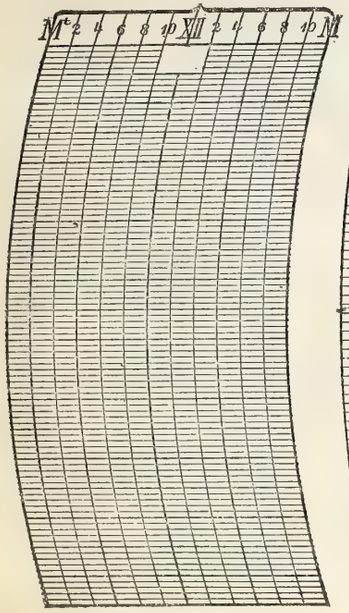
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	13	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.7 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 73
Prevailing wind direction, E Total wind 84
Average hourly velocity, 3.5 Extreme velocity, 7
Maximum velocity, 7 Direction, E
Time began, 4:45 pm.
Reduced barometer, 28.20 7 a. m. 30.27 7 p. m.
River gage, 4.1 Fall
Relative humidity, [illegible] a. m. [illegible] p. m.

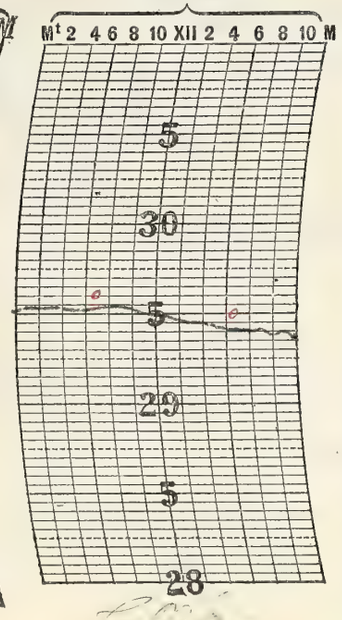
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.0 Wet temperature, 24.0
Dew-point, 18 R. humidity, 65 V. pressure, .093
Clouds: Amount, 6; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

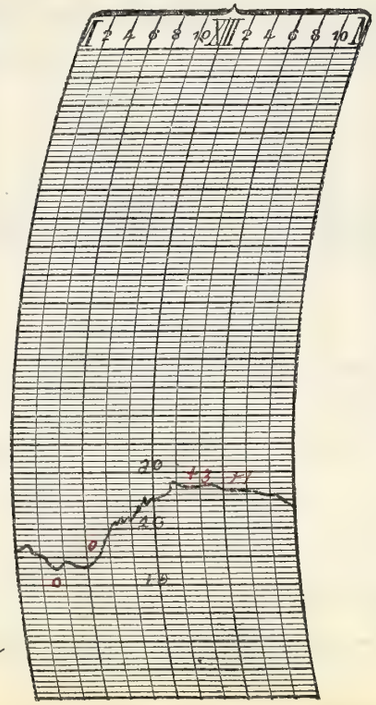
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice observed this morning. A water temp. of 22° reading was observed from 11:38 a.m. until 12:17 p.m.

A partly cloudy day, with moderately low pressure times

Prepared by

Verified by C. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	25	24	24	25	26	26	27	24	22
State of weather: Nature of precipitation and time of beginning and ending											9:17 10:55	
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy						
Sunrise: Time, Character,	6:35 Cloudy											
Moonrise:	9:10 P											
Sunshine (in tenths of hours)							0	0	0.3	1.0	0.9	1.0
Wind direction	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	3	4	4	1	4	7	5	5	11	17	20	19
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	20	18	17	16	15	14	13	12	12	11
State of weather: Nature of precipitation and time of beginning and ending	9:4 E 12:50				8:8 4:30	8:4 E 6:35						
Amounts of precipitation												
Cloudiness and other conditions				Cloudy				Clear				
Sunset: Time, Character,									4:45 Cloudy			
Moonset:									8:40 a			
Sunshine (in tenths of hours)	1.0	0.9	0.4	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	19	18	18	18	[illegible]	15	15	13	12	4	8	[illegible]
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	11	19	

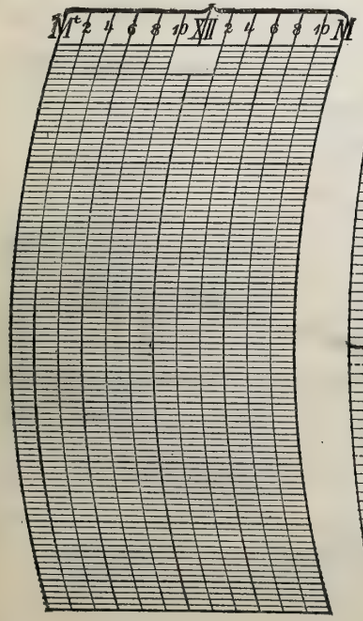
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.5 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 5
Prevailing wind direction, NW Total wind 266.6
Average hourly velocity, 11.1 Extreme velocity, 25
Maximum velocity, 24 Direction, NW
Time began, 12:34 p. m.
Reduced barometer, 30.24 7 a. m. 30.40 7, p. m.
River gage, 3.9 Fall
Relative humidity, 87 7 a. m. 63 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

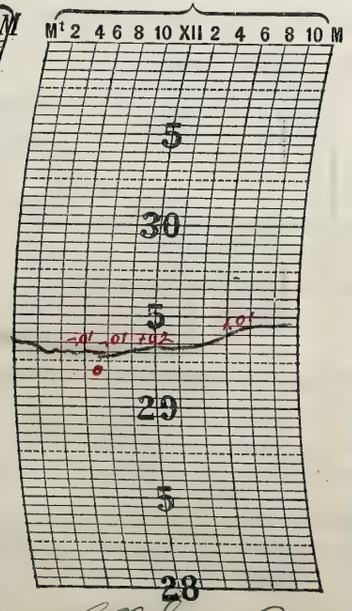
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.3 Wet temperature, 19.8
Dew-point, 13 R. humidity, 65 V. pressure, 0.74
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

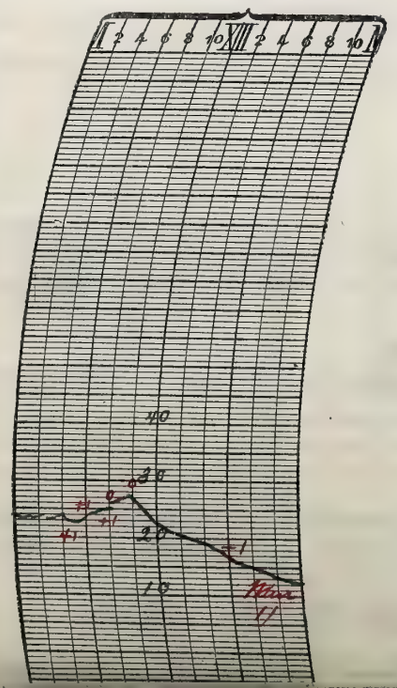
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Some ice observed this morning.
Special 12:00 noon C.S. 75th Meridian Time observation called for by the Central Office.
A cloudy day with falling temperature after 10:00 a.m.

Prepared by _____
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	11	11	11	11	11	10	11	12	13	14	15
State of weather: Nature of precipitation and time of beginning and ending					SPB DNH							SPE 11:35
Amounts of precipitation					—	—	—	—	—	—	—	—
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, Character,	6:34 Cloudy											
Moonrise:	11:06p											
Sunshine (in tenths of hours)							0	0	0.4	0.6	1.0	1.0
Wind direction	NW	NW	N	NW	NW	NW	NW	N	NW	N	N	NW
Wind movement	5	5	4	4	4	3	4	4	4	4	8	11
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	15	15	15	15	14	15	14	13	13	13	14
State of weather: Nature of precipitation and time of beginning and ending				SPB 3:03		SPE 5:35						
Amounts of precipitation				—	—	—						
Cloudiness and other conditions												
Sunset: Time, Character,									5:16 Cloudy			
Moonset:									9:18a			
Sunshine (in tenths of hours)	1.0	0.3	0	0	0.2	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	11	10	7	7	8	7	6	6	4	4	2	2
Maximum velocities (exceeding [illegible] miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
16	10	13	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 2 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.5 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 42

Prevailing wind direction, NW Total wind 132

Average hourly velocity, 5.6 Extreme velocity, 16

Maximum velocity, 13 Direction, NW

Time began, 12:35 pm

Reduced barometer, 30.48 7 a. m. 30.48 7 p. m.

River gage, 3.4 Feet

Relative humidity, 94 7 a. m. [illegible] 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

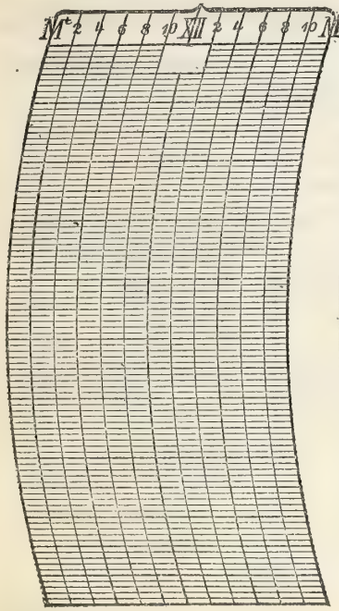
Dry temperature, 14.6 Wet temperature, 12.4

Dew-point, 5 R. humidity, 61 V. pressure, .049

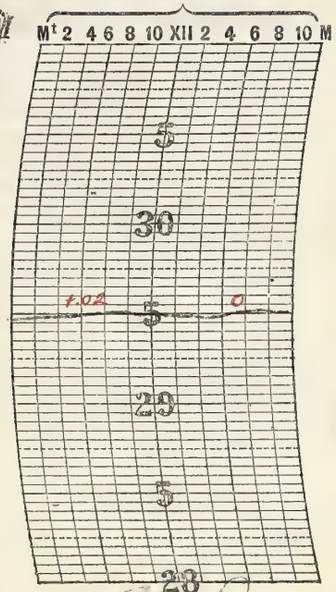
Clouds: Amount, 9; Kind, St Cu; Direction, N

Velocity of clouds (miles per hour)

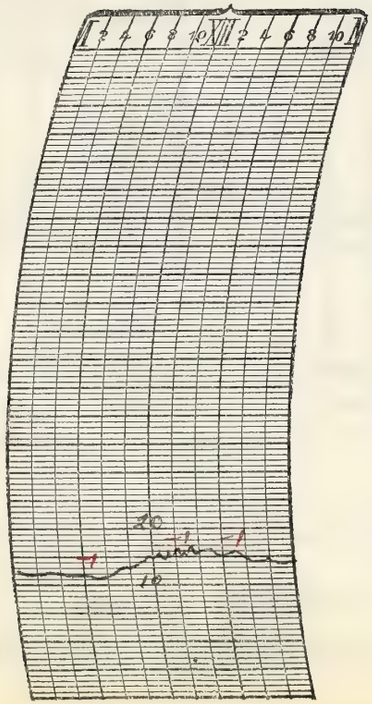
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice observed this morning. A cloudy and cold day with light dry snow flurries during the morning and late afternoon hours.

Prepared by

Verified by C. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	13	14	13	14	[illegible]	14	19	22	26	28	31	32	34	34	34	34	35	35	35	35	36	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←			Cloudy					Cloudy									→
	Sunrise: Time, 6:33; Character, Cloudy. Moonrise:																				Sunset: Time, 6:18; Character, Cloudy. Moonset: 9:58a Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	0.5	0	0						
Wind direction	W	SW	S	S	S	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	2	2	2	4	4	6	9	10	12	14	16	19	20	21	21	21	20	20	18	16	17	19	22	24
Maximum velocities (exceeding 50 miles) direction and time																								31 SW 11:03

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

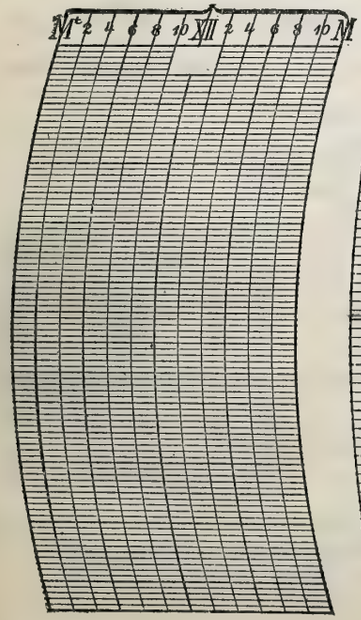
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	13	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.4 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 59
Prevailing wind direction, S Total wind 319
Average hourly velocity, 14.1 Extreme velocity, 33
Maximum velocity, 31 Direction, SW
Time began, 11:03 p.m.
Reduced barometer, 30.44 7 a. m. 30.46 7 p. m.
River gage, 3.0 Fall
Relative humidity, 72 7 a. m. 42 7 p. m.

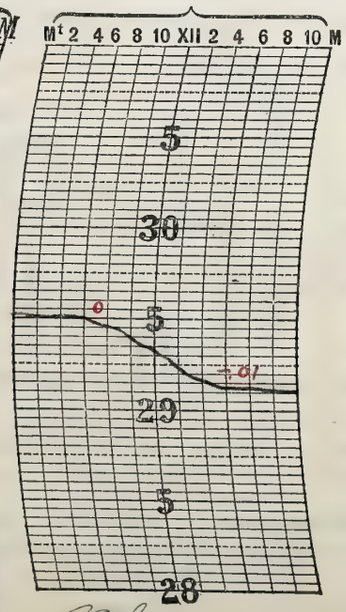
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.0 Wet temperature, 22.0
Dew-point, 22 R. humidity, 68 V. pressure, .113
Clouds: Amount, 9; Kind, AST; Direction, NW
Velocity of clouds (miles per hour).....

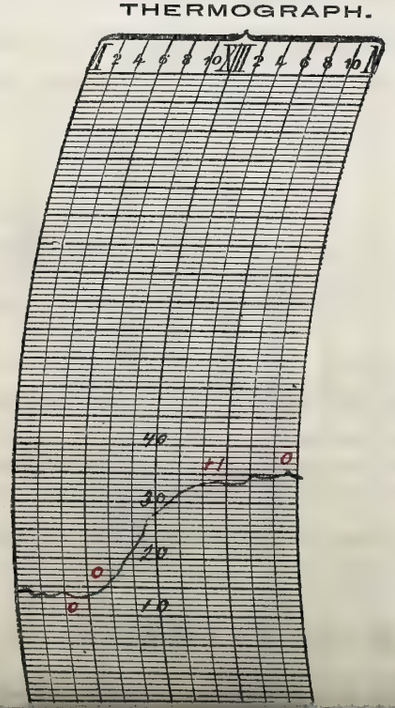
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Show ice observed this morning. A cloudy day with moderate temperature.

Prepared by .....

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	36	35	35	35	37	40	41	42	39
State of weather: Nature of precipitation and time of beginning and ending												RB 11:37
Amounts of precipitation												—
Cloudiness and other conditions							← Pt. Cldy			Cloudy		
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	0.2	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	21	21	19	19	19	18	15	15	15	15	16	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	37	34	34	35	35	35	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending				RE 3:40 RS Tm 3:40	RHS E 4:50		RB 6:20 RE 6:35 S Tm B 6:35	S Tm E 7:10 RB 7:10	RE 8:29			
Amounts of precipitation	—	—	—	—	—		—	—	—			
Cloudiness and other conditions				Cloudy					→			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	S	S	S	SW	S	S	SW	SW
Wind movement	11	8	10	11	8	7	5	6	6	6	6	6

Sunrise: Time, 6:31 Character, Cloudy
Moonrise: 12:11a Cloudy
Sunset: Time, 5:19 Character, Cloudy
Moonset: 10:39a Cloudy

Maximum velocities (exceeding 30 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

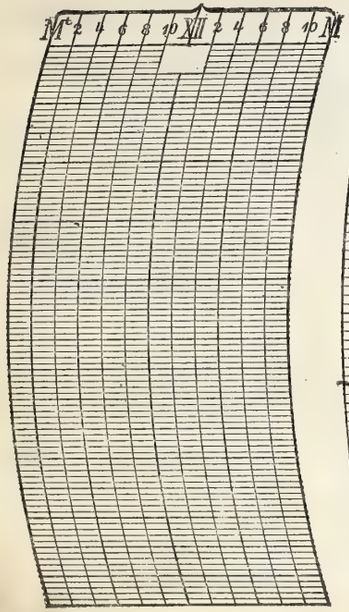
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	34	38	✓

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Cloudy Moon phase, L.Q. 12:18 P
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.4 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 22
Prevailing wind direction, SW Total wind 999
Average hourly velocity, 22.5 Extreme velocity, 26
Maximum velocity, 25 Direction, SW
Time began, 1:18 a m
Reduced barometer, 30.02 7 a. m. 30.03 7 p. m.
River gage, 2.9 rise
Relative humidity, [illegible] 7 a. m. [illegible] 7 p. m.

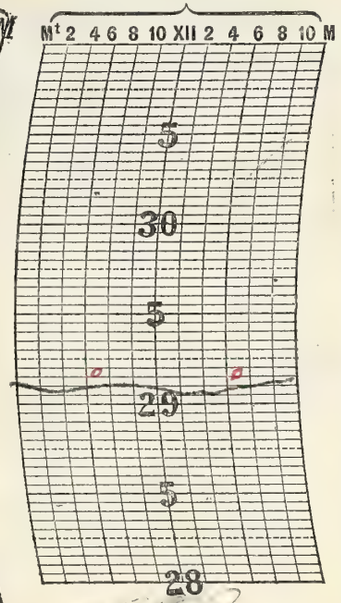
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.6 Wet temperature, 36.6
Dew-point, 32 R. humidity, 69 V. pressure, .180
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

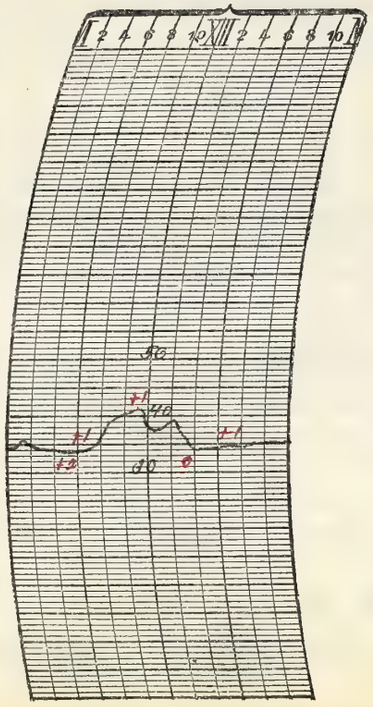
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shows ice observed this morning.
A cloudy, damp and muggy day.

Prepared by

Verified by P. McDonough

8—436

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	36	36	37	39	38	40	42	45	48
State of weather: Nature of precipitation and time of beginning and ending								PB 7:08 RE 7:45				
Amounts of precipitation								—				
Cloudiness and other conditions							←	Cloudy				
Sunrise: Time, Character,	6:30 Cloudy											
Moonrise:	7:11a											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	S	SE	SE	SE	SE	S	S	S	S
Wind movement	7	6	3	2	5	6	6	8	8	9	11	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	51	49	47	45	44	40	39	38	37	35
State of weather: Nature of precipitation and time of beginning and ending				PB 8:06 RE 3:15								
Amounts of precipitation				—								
Cloudiness and other conditions			←	Cloudy			→	Pt. Cloudy				
Sunset: Time, Character,									5:20 Cloudy			
Moonset:									11:24a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0.6	0.3	0						
Wind direction	SW	SW	SW	W	W	W	SW	W	W	W	NW	W
Wind movement	19	26	23	21	18	15	14	14	13	11	12	7

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	35	43	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.9 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 8

Prevailing wind direction, SW & W Total wind 470

Average hourly velocity, 19.6 Extreme velocity, 35

Maximum velocity, 29 Direction, SW

Time began, 2:14 pm

Reduced barometer, 30.01 7 a. m. 30.03 7 p. m.

River gage, 2.9 Feet.

Relative humidity, 100 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

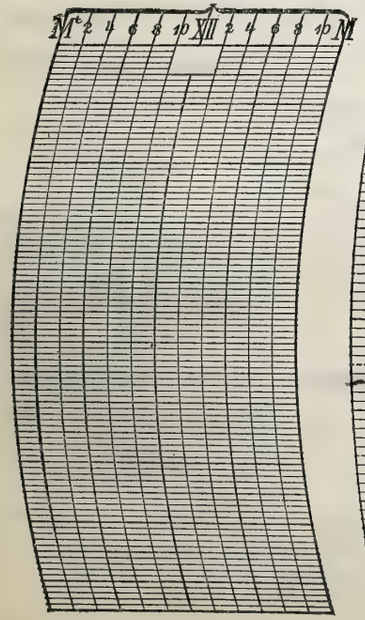
Dry temperature, 45.7 Wet temperature, 45.2

Dew-point, 45 R. humidity, 96 V. pressure, .228

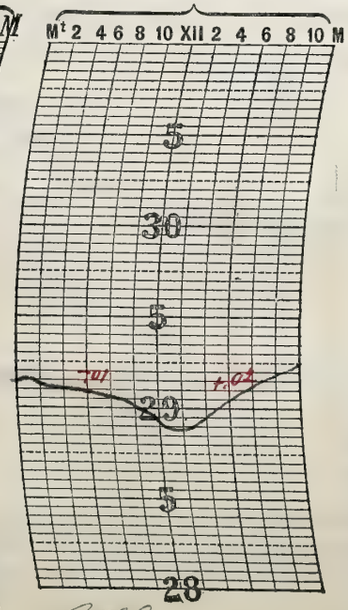
Clouds: Amount, 2 8; Kind, St Fog; Direction, SE SE

Velocity of clouds (miles per hour) _____

THERMOGRAPH.



BAROGRAPH.



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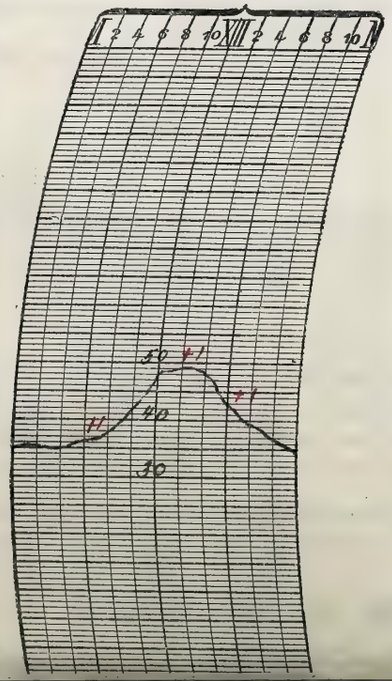


NOTES.

Space ice observed this morning

St. Fog began 10 A.M.

St. Fog ended 2:30 pm.

a dark and gloomy day with light fog and rain, generally mild temperatures

Prepared by _____

Verified by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	31	30	30	31	32	32	33	35	36	37	38	39	40	39	36	34	33	32	31	30	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←		Cloudy				Cloudy	x	Pl.	Cloudy	x	Clear	→					
Sunrise: Time, 6:29 Character, Cloudy																					Sunset: Time, 5:21 Character, Cloudy			
Moonrise: 2:06a																					Moonset: 12:12p Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	1.0	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	NW	NW	NW	NW	NW	NW	W	N	NW	NW	S	NW	N	N	N	N	N	N	NE	NE	NE	NE	NE	E
Wind movement	5	8	8	5	5	3	4	2	3	3	3	5	5	5	5	5	7	8	8	9	8	7	8	7
Maximum velocities (exceeding 40 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	29	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 5.1 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 47

Prevailing wind direction, NW Total wind 136

Average hourly velocity, 5.7 Extreme velocity, 11

Maximum velocity, 11 Direction, NE

Time began, 12:20 a.m.

Reduced barometer, 30.39 7 a. m. 30.44 7 p. m.

River gage, 3.0 Feet

Relative humidity, 84 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

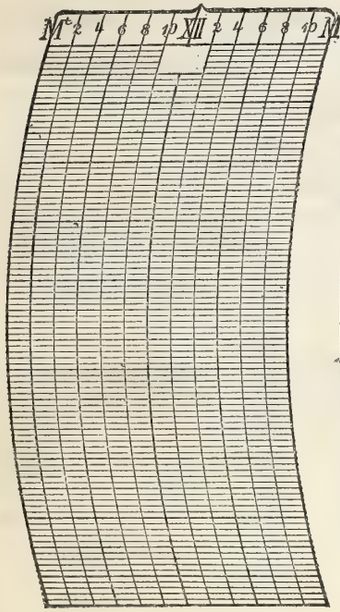
Dry temperature, 35.0 Wet temperature, 32.0

Dew-point, 28 R. humidity, 73 V. pressure, 15.0

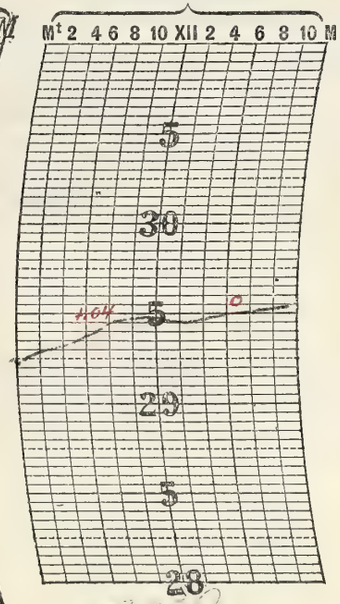
Clouds: Amount, 8; Kind, Ast.; Direction, W.

Velocity of clouds (miles per hour) _____

THERMOGRAPH.



BAROGRAPH.



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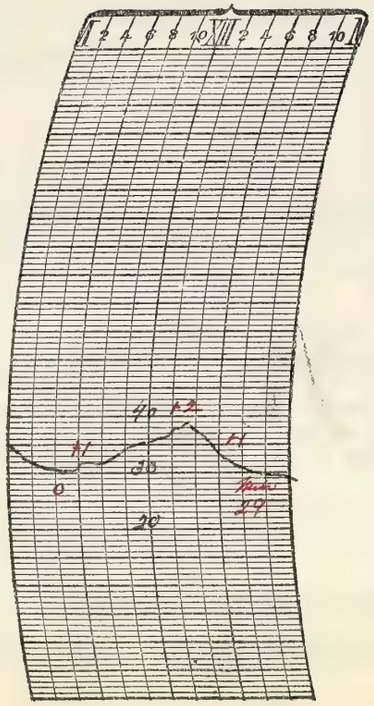


NOTES.

A cloudy day with a small amount of sunshine and moderate temperatures

Prepared by _____

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	28	28	28	29	31	34	35	35	35
State of weather: Nature of precipitation and time of beginning and ending												RB 11:15
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, 6:22 Character, Cloudy												
Moonrise: 2:53a												
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	0.5	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	8	8	7	8	8	8	11	12	13	11	10	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	37	37	37	36	36	37	36	37	44	47
State of weather: Nature of precipitation and time of beginning and ending				RE 3:40								
Amounts of precipitation												
Cloudiness and other conditions				← Cloudy							→	
Sunset: Time, 5:22 Character, Cloudy												
Moonset: 1:03p Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	SE	SE	E	E	S
Wind movement	12	9	8	8	9	8	7	5	3	5	4	8

Maximum velocities (exceeding 29 miles) direction and time _____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts _____

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	28	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.6 Possible sunshine, hours, 11.3

Per cent of possible sunshine, 24

Prevailing wind direction, E Total wind 198

Average hourly velocity, 8.2 Extreme velocity, 19

Maximum velocity, 15 Direction, E

Time began, 12:11 p m.

Reduced barometer, 30.45 7 a. m. 30.13 7 p. m.

River gage, 3.7 Feet.

Relative humidity, 80 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

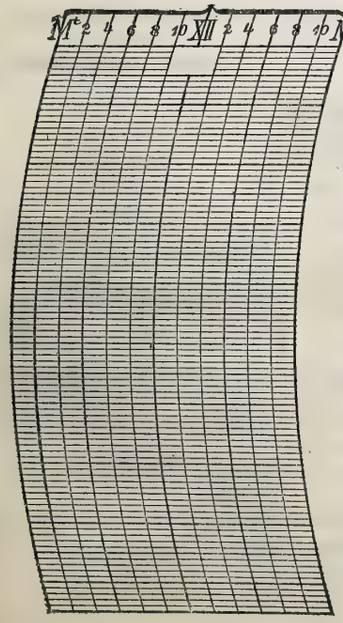
Dry temperature, 35.0 Wet temperature, 32.8

Dew-point, 30 R. humidity, 80 V. pressure, .164

Clouds: Amount, 10; Kind, Nb; Direction, E

Velocity of clouds (miles per hour) _____

THERMOGRAPH.



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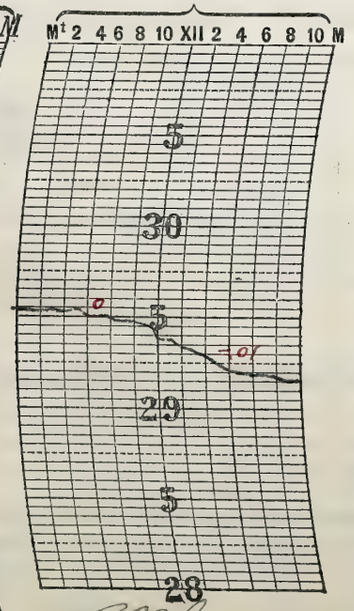

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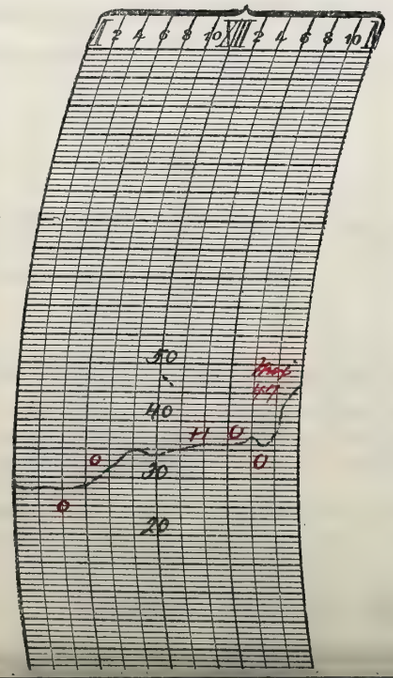


NOTES.

A cloudy day with moderate sunshine through broken clouds.

Prepared by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Wednesday, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	49	52	53	54	54	54	56	58	60	62	64	66	66	65	65	64	61	59	58	57	56	55	55
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Cloudy						— Cloudy					—	x M Clr x		— Clear			→
Sunrise: Time, Character, 6:26 Cloudy																					Sunset: Time, Character, 5:24 Cloudy			
Moonrise: 3:42a																					Moonset: 1:56p Cloudy			
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0						
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	8	11	11	13	15	17	16	17	18	20	21	24	25	25	21	21	18	14	15	17	17	15	16	16
Maximum velocities (exceeding 40 miles) direction and time												30 SW 11:40												

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

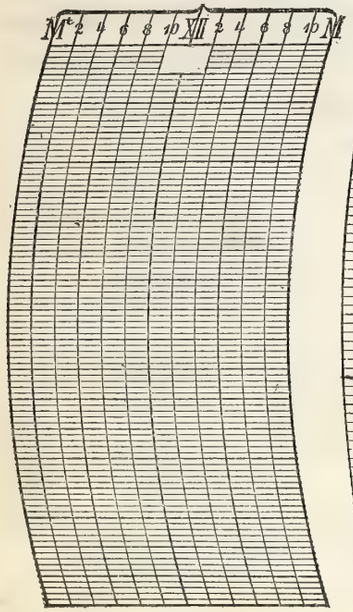
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	47	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 9.3 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 85
Prevailing wind direction, SW Total wind 411
Average hourly velocity, 17.1 Extreme velocity, 34
Maximum velocity, 30 Direction, SW
Time began, 11:46 a.m.
Reduced barometer, 29.98 7 a. m. 29.82 7 p. m.
River gage, 4.0 Feet
Relative humidity, 77 7 a. m. 68 7 p. m.

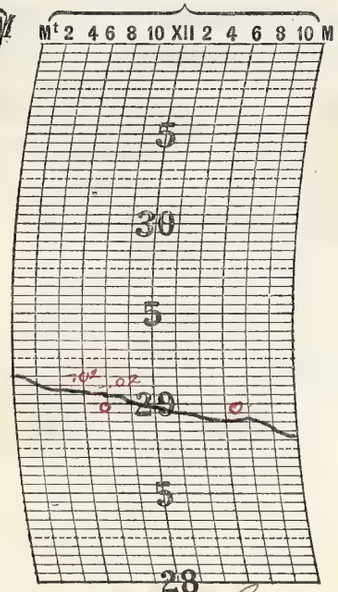
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.2 Wet temperature, 56.1
Dew-point, 50 R. humidity, 61 V. pressure, .360
Clouds: Amount, 8; Kind, Cu; Direction, W
Velocity of clouds (miles per hour) _____

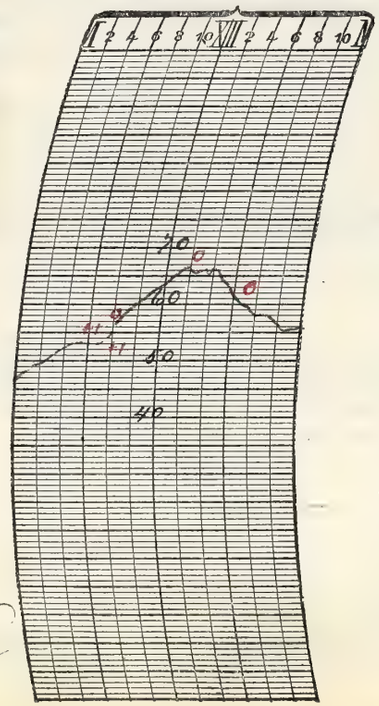
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The maximum temperature of 67.2 degrees was the highest on record at this station for any February.

A cloudy, though balmy and springlike about a very pleasant day.

Prepared by _____

Verified by W. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	57	59	55	52	51	50	49	50	40	37
State of weather: Nature of precipitation and time of beginning and ending					RB DAR				RE 8:33	RB 9:21	RE 10:15	
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, 6:24 Character, Cloudy												
Moonrise: 4:23a												
Sunshine (in tenths of hours)							0	0	0.4	0.4	0.7	0
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	18	14	16	23	21	16	17	22	31	32	35	33
Maximum velocities (exceeding 22 miles) direction and time				36 SW 3:42				32 SW 7:50	36 SW 8:00	36 SW 9:01	43 SW 10:02	40 SW 11:56

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	34	31	29	28	28	27	26	24	23	23	23
State of weather: Nature of precipitation and time of beginning and ending							SB 6:30		SE 8:14			
Amounts of precipitation												
Cloudiness and other conditions			← Cloudy							→		
Sunset: Time, 5:55 Character, Cloudy												
Moonset: 2:51a Cloudy												
Sunshine (in tenths of hours)	0.4	0.2	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	35	33	34	31	28	25	21	20	19	16	14	14
Maximum velocities (exceeding 22 miles) direction and time	42 SW 12:02	37 SW 1:00	37 W 2:00	39 W 3:13	34 W 4:23	30 W 5:40						

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	23	42	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.1 Possible sunshine, hours, 4.0
Per cent of possible sunshine, 18
Prevailing wind direction, W Total wind 566
Average hourly velocity, 23.7 Extreme velocity, 5
Maximum velocity, 43 Direction, SW
Time began, 10:09 a.m.
Reduced barometer, 29.59 7 a. m. 30.14 7 p. m.
River gage, 7.1 Fall
Relative humidity, 94 7 a. m. 85 7 p. m.

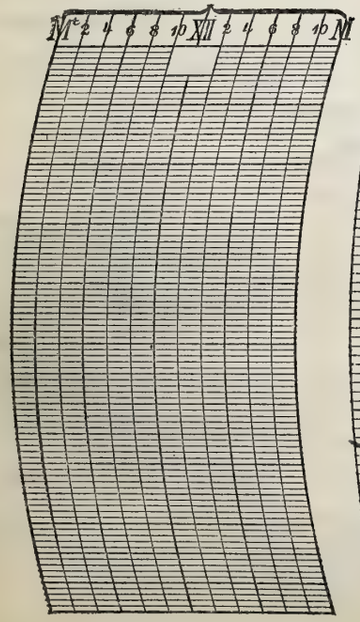
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

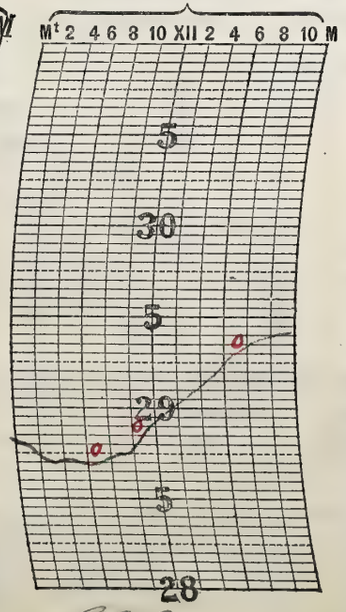
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.4 Wet temperature, 34.0
Dew-point, 31 R. humidity, 79 V. pressure, .175
Clouds: Amount, 10; Kind, St-Cu; Direction, W
Velocity of clouds (miles per hour)

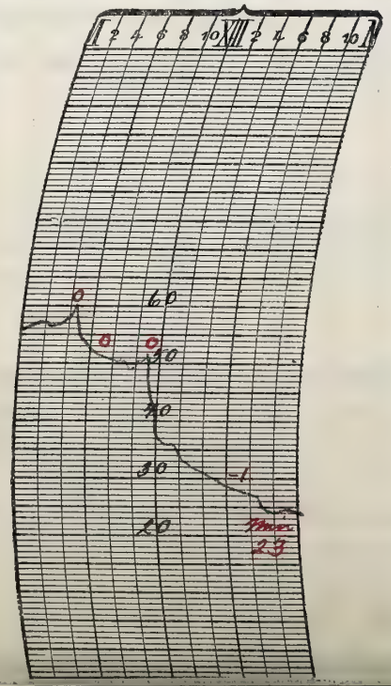
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by _____
Verified by _____

NOTES.

Special 12:00 Noon (75th Meridian Time) observation taken on account of max. wind and increasing pressure.

A cold wave warning received in the regular a.m. forecast at 9:25 a.m. was published on all bulletins and phoned to long distance operator and all interested parties including transportation companies.

Moderately heavy floating ice observed on the river this morning.

A cloudy and windy day with declining temperatures.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) , 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	20	19	18	18	17	18	18	21	23	24	25	26	27	26	26	27	27	26	26	25	24	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear						× Pl. Cldy ×			Cloudy								→
Sunrise: Time, Character,	6:23 Clear																							
Moonrise:	5:00a																							
Sunset: Time, Character,													5:26 Cloudy											
Moonset:																					8:46p Cloudy			
Sunshine (in tenths of hours)							.62 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0						
Wind direction	NW	N	N	N	N	N	NE	NE	NE	NE	N	N	NE	N	N	N	N	NW	NW	NW	W	W	NW	NW
Wind movement	12	12	10	8	8	6	8	7	7	5	4	5	4	4	4	4	3	3	5	4	3	5	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	17	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pl. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.8 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 71
Prevailing wind direction, N Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 16
Maximum velocity, 15 Direction, NNW
Time began, 1:12 am
Reduced barometer, 30.53 7 a. m. 30.49 7 p. m.
River gage, 8.5 Feet
Relative humidity, 71 7 a. m. 26 7 p. m.

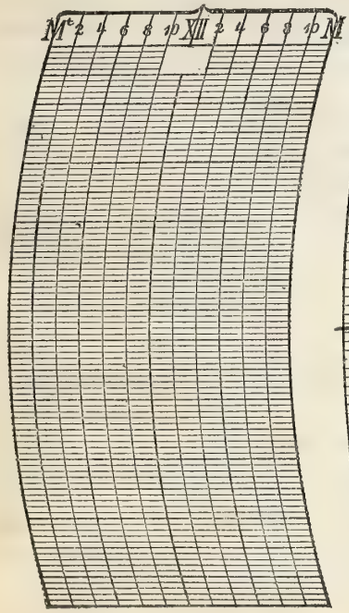
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

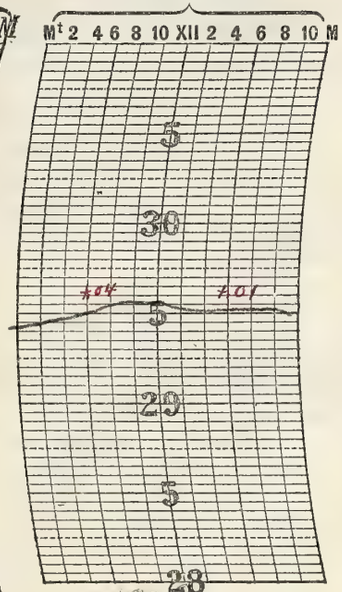
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.2 Wet temperature, 21.0
Dew-point, 13 R. humidity, 59 V. pressure, .074
Clouds: Amount, 5; Kind, Cu; Direction, N.
Velocity of clouds (miles per hour)

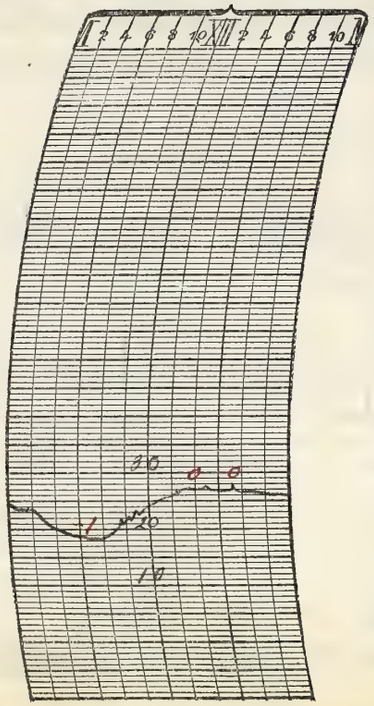
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy and moderately cold day.

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). 75 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	24	23	22	22	22	23	23	25	25	27	29
State of weather: Nature of precipitation and time of beginning and ending									S^d B 8:05	S^d E 9:40		
Amounts of precipitation												
Cloudiness and other conditions							← Pl. Cldy		→ Cloudy			→
Sunshine (in tenths of hours)							0	0	0	0	0.7	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	SW	W
Wind movement	7	5	4	3	3	3	3	4	4	3	5	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	32	32	32	31	32	32	31	30	30	29	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→ Pl. Cloudy				→ Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	0						
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	7	7	8	8	6	5	3	3	4	3	4	4

Sunrise: Time, 6:21 Character, Cloudy
Moonrise: 8:33 a
Sunset: Time, 5:27 Character, Clear
Moonset: 4:42 p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

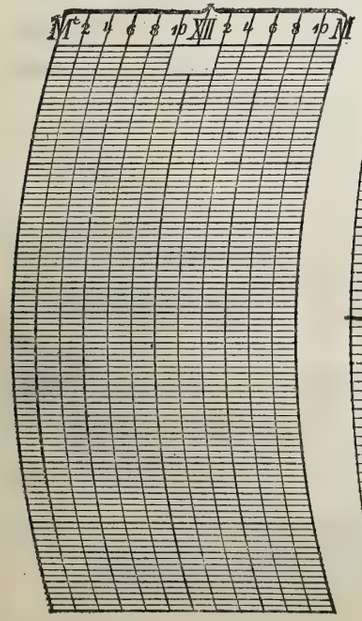
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	22	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pl. Cloudy Moon phase,
Average daily cloudiness (0–10), 5
Actual sunshine, hours, 7.2 Possible sunshine, hours, 11
Per cent of possible sunshine, 65
Prevailing wind direction, W. Total wind 112
Average hourly velocity, 4.7 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 3:22 pm.
Reduced barometer, 30.47 7 a. m. 30.39 7 p. m.
River gage, 7.8 Feet.
Relative humidity, 82 7 a. m. 60 7 p. m.

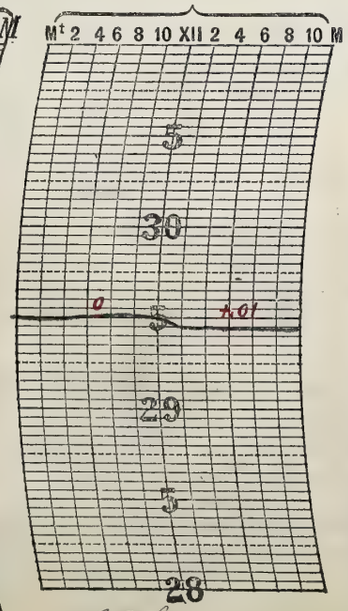
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.0 Wet temperature, 27.5
Dew-point, 23 R. humidity, 73 V. pressure, .118
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

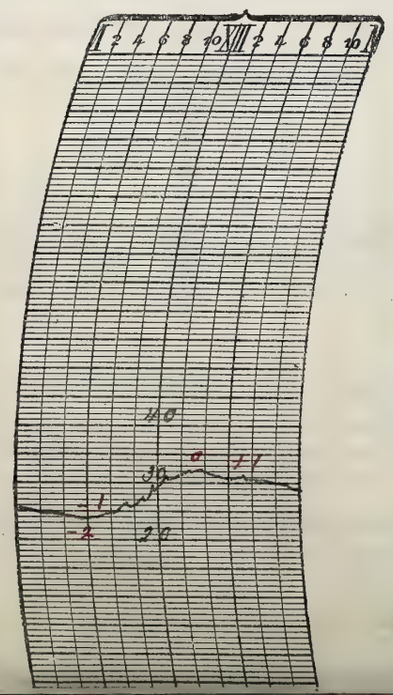
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy day with moderate temperature.

Prepared by [illegible]
Verified by O. M. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	27	26	25	24	23	24	26	28	30	32	33	33	34	34	33	33	33	33	31	31	31	30	30
State of weather. Nature of precipitation and time of beginning and ending																			S^m B 6:00					
Amounts of precipitation																			—	—	—	—	—	—
Cloudiness and other conditions							← Cloudy									Cloudy								→
Sunrise: Time, 6:20 Character, Cloudy																								
Moonrise: 6:04a Cloudy																								
Sunset: Time, 5:28 Character, Cloudy																								
Moonset: 5:22p Cloudy																								
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	0.8	0.8	0.2	0	0	0	0						
Wind direction	W	W	W	W	0	W	N	E	E	E	E	E	SE	E	E	NE	E	E	E	E	NE	NE	NE	NE
Wind movement	3	1	1	3	0	1	4	3	6	6	7	6	4	5	5	8	8	8	6	8	7	6	7	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	23	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 1.7 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T.12 inches.

Character of day, Cloudy Moon phase, New 12:14 p.

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 4.6 Possible sunshine, hours, 11.1

Per cent of possible sunshine, 41

Prevailing wind direction, E Total wind 101

Average hourly velocity, 5.0 Extreme velocity, 12

Maximum velocity, 12 Direction, NE

Time began, 3:41 p.m.

Reduced barometer, 30.37 7 a. m. 30.14 7 p. m.

River gage, 6.9 Feet.

Relative humidity, 87 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

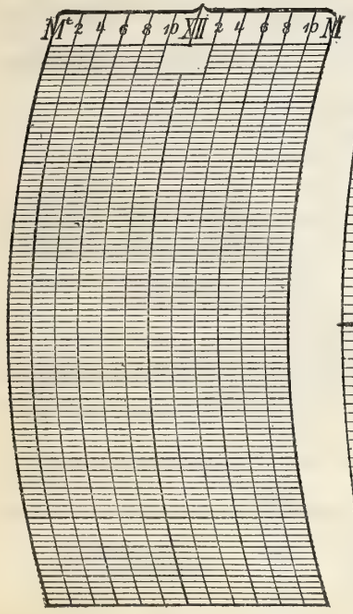
Dry temperature, 32.0 Wet temperature, 29.0

Dew-point, 24 R. humidity, 62 V. pressure, 124

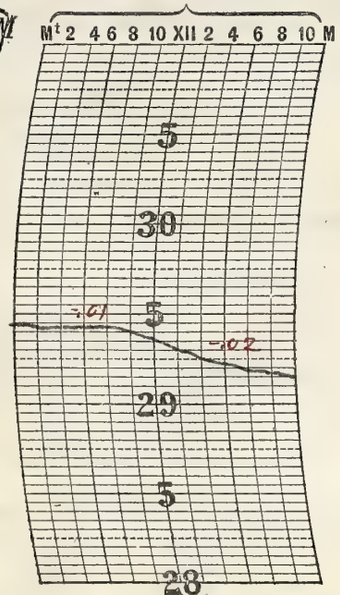
Clouds: Amount, 10; Kind, Ast.; Direction, S

Velocity of clouds (miles per hour)

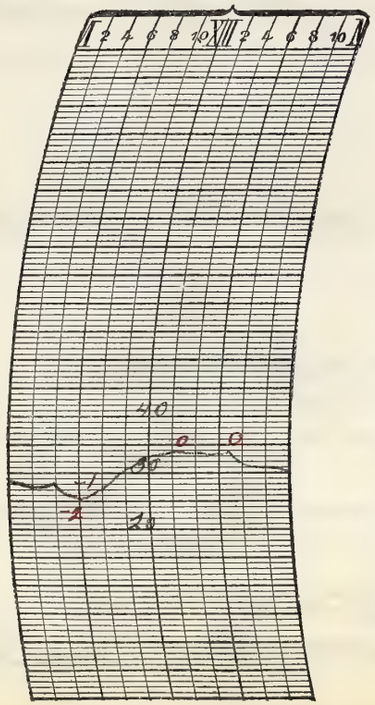
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by .....

Verified by P. McDonough

8—486

NOTES.

* Estimated

An area of about 180° in length of a faint solar halo of 22° radius was observed at 6:41 a.m. though the sun was obscured by clouds. The phenomena ended at about 8:25 a.m.

A cloudy day with moderate temperature.

Form No. 101A—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	28	28	28	29	29	29	30	33	34	36
State of weather. Nature of precipitation and time of beginning and ending		5m E ONH										
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 6:19 Character, Cloudy												
Moonrise: 6:34a Cloudy												
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0
Wind direction	NE	NE	N	N	N	N	N	N	NW	NW	NW	NW
Wind movement	7	8	5	7	5	4	4	4	6	6	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	33	30	28	28	24	22	22	21	21
State of weather. Nature of precipitation and time of beginning and ending		5m B 1:36 8m E 1:47										
Amounts of precipitation												
Cloudiness and other conditions			Cloudy			Pt Cldy	Clear				Pt Cldy	
Sunset: Time, 5:29 Character, Cloudy												
Moonset: 6:35p Clear												
Sunshine (in tenths of hours)	0.2	0	0.1	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	10	9	10	11	14	12	11	15	14	13	14	13

Maximum velocities (exceeding 20 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	21	28	

Total depth of snow for 24 hours ending 7 p. m., 2.0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 4.1 Possible sunshine, hours, 11.2

Per cent of possible sunshine, 37

Prevailing wind direction, NW Total wind 222

Average hourly velocity, 9.2 Extreme velocity, 20

Maximum velocity, 18 Direction, NW

Time began, 8:07pm

Reduced barometer, 30.14 7 a. m. 30.26 7, p. m.

River gage, 6.6 Rise

Relative humidity, 89 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

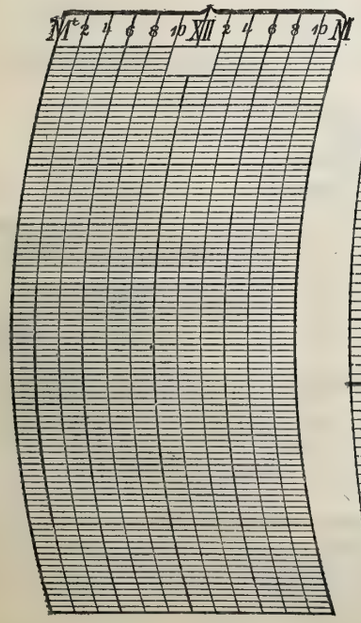
Dry temperature, 34.7 Wet temperature, 33.2

Dew-point, 31 R. humidity, 86 V. pressure, .172

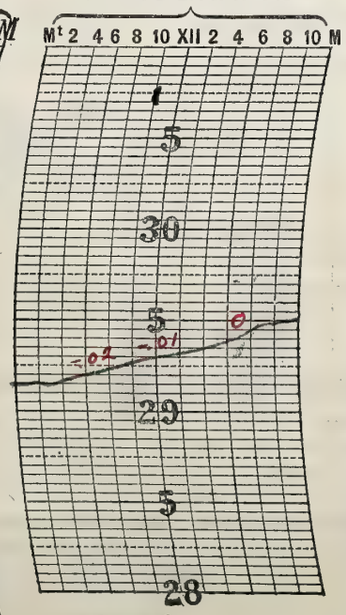
Clouds: Amount, 9; Kind, St; Direction, NW

Velocity of clouds (miles per hour)

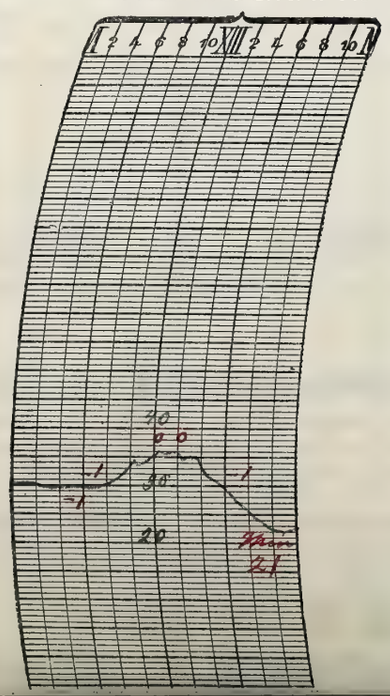
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C.O.B.

Verified by C. M. Donovan

NOTES.

(Estimated)

A cold wave warning was embodied in the regular a.m. forecast received at 9:00 a.m. It was phoned to all transportation companies and the long distance operator also published on all bulletins.

A special 1:00 p.m. (75th Meridian Time) observation called for by the Central Office.

A cloudy day with moderately cold weather.

Verified by C. M. Donnegh

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	21	21	21	20	20	21	21	21	22	24	24	25	25	25	25	24	24	24	24	23	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Pt. Cloudy									Pt. Cloudy →								
Sunrise: Time, Character,	6:17 Cloudy																				Sunset: Time, Character,	5:31 Cloudy		
Moonrise:	7:02a Cloudy																				Moonset:	7:31p Cloudy		
Sunshine (in tenths of hours)							0	0.1	0.6	0.8	1.0	1.0	1.0	0.9	1.0	0.2	0	0						
Wind direction	NW	N	N	N	N	N	N	N	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	15	15	14	14	11	10	8	11	15	11	12	11	10	11	10	9	10	11	12	11	11	9	10	13
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

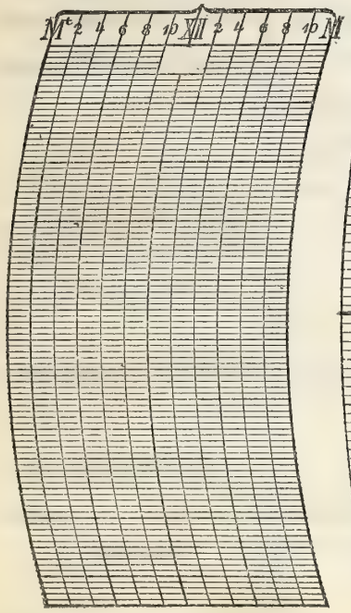
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	20	23	-

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.6 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 59
Prevailing wind direction, NE Total wind 274
Average hourly velocity, 11.4 Extreme velocity, 19
Maximum velocity, 19 Direction, N
Time began, 1:52 p. m.
Reduced barometer, 30.64 7 a. m. 30.62 7 p. m.
River gage, 5.7 Feet
Relative humidity, 70 7 a. m. 49 7 p. m.

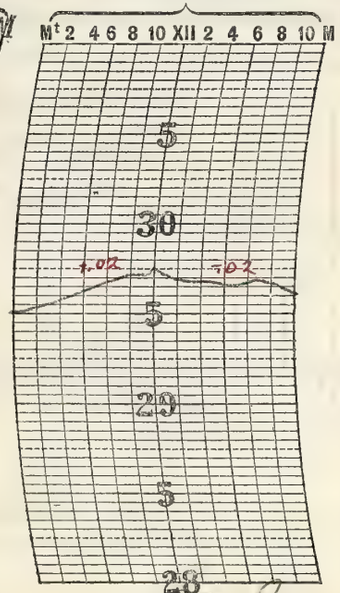
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.2 Wet temperature, 20.1
Dew-point, 12 R. humidity, 57 V. pressure, 0.70
Clouds: Amount, 6; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

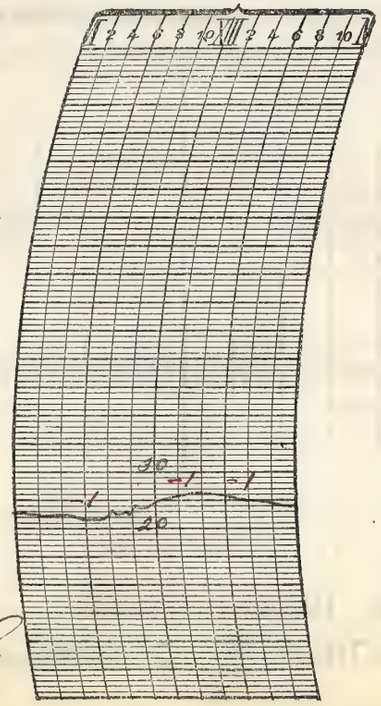
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderately low temperatures

Prepared by [illegible]
Verified by C. M. Donnegh

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90th mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	21	21	21	21	20	21	21	21	22	21	22	22	23	22	22	22	22	22	23	23	22	22
State of weather. Nature of precipitation and time of beginning and ending				S B DNA																			S E DNP	
Amounts of precipitation				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions							← Cloudy								Cloudy →									

Sunrise: Time, 6:15 Character, Cloudy
Moonrise: 2:32a

Sunset: Time, 5:32 Character, Cloudy
Moonset: 8:28p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N
Wind movement	14	13	16	15	18	19	16	18	18	19	18	19	18	16	15	15	13	12	12	23	12	9	9	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

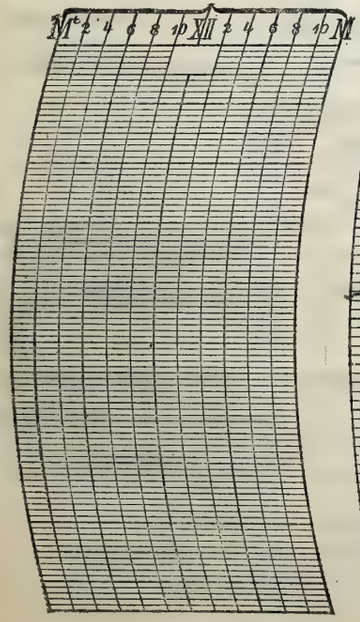
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	20	22	

Total depth of snow for 24 hours ending 7 p. m., 1.8 inches.
Snow, sleet, and hail on ground 7 p. m., 1.8 inches.
Total snowfall, midnight to midnight, 1.9 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 353
Average hourly velocity, 14.7 Extreme velocity, 24
Maximum velocity, 23 Direction, NE
Time began, 11:32 a.m.
Reduced barometer, 30.45 7 a. m. 30.22 7 p. m.
River gage, 4.9 feet
Relative humidity, 85 7 a. m. 94 7 p. m.

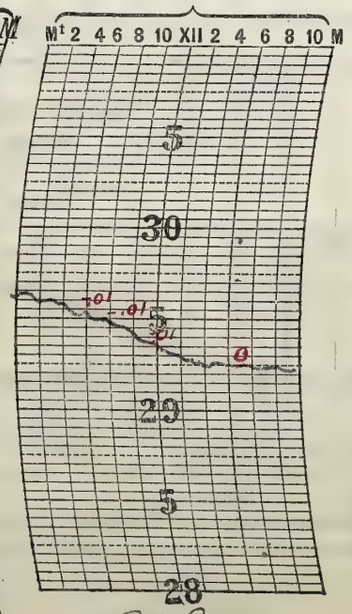
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.0 Wet temperature, 20.5
Dew-point, 19 R. humidity, 93 V. pressure, .098
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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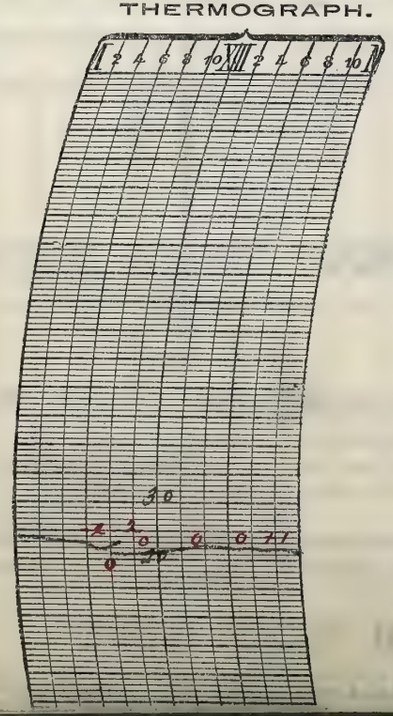


NOTES.

A cloudy and cold day with light dry snow from early morning till late at night.
Special 12:00 Noon (75th Meridian Time) observation called for by the Central Office.

Prepared by .....
Verified by .....

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	21	21	21	22	22	23	23	25	26	28
State of weather: Nature of precipitation and time of beginning and ending								SPB 7:20			SPE 10:14	
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	6:14 Cloudy											
Moonrise:	8:02a Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0.8	1.0
Wind direction	N	N	N	N	N	N	N	NW	N	N	NW	N
Wind movement	6	8	6	6	6	5	6	6	6	6	7	8
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	32	33	32	32	32	31	30	29	28	26	25
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunset: Time, Character,									5:33 Cloudy			
Moonset:									9:25p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3 0.7	0.3 0						
Wind direction	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W
Wind movement	7	7	8	10	8	6	6	6	6	6	5	4
Maximum velocities (exceeding 22 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

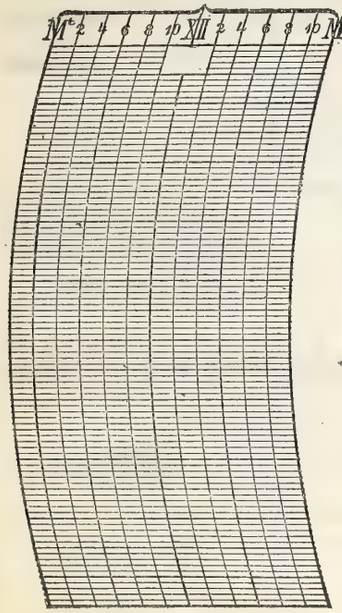
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	21	27	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 1.0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase, _____
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.1 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 63
Prevailing wind direction, N Total wind 155
Average hourly velocity, 6.5 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 3:59 pm.
Reduced barometer, 30.18 7 a. m. 30.23 7 p. m.
River gage, 3.9 Feet
Relative humidity, 86 7 a. m. 74 7 p. m.

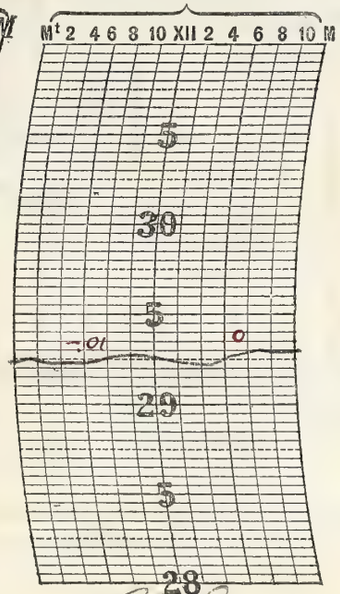
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.2 Wet temperature, 26.8
Dew-point, 23 R. humidity, 73 V. pressure, 118
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour) _____

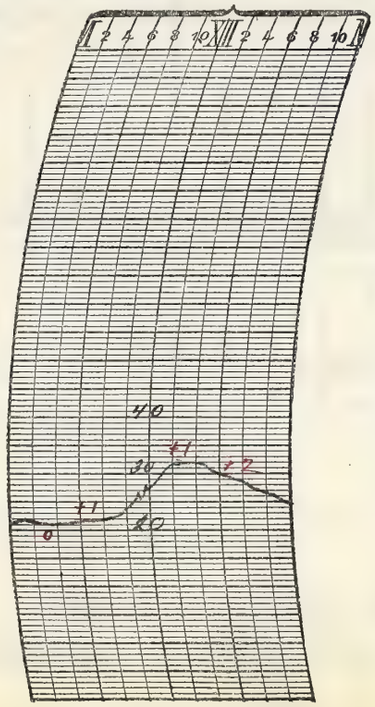
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with mild temperatures.

Prepared by _____

Verified by P. McGlonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	24	23	23	22	24	26	30	33	35	37	40	41	41	40	39	38	37	36	34	33	31	30
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear						← Clear											→
Sunshine (in tenths of hours)							.80 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.57 0						
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	W	SW	SW	SW	NW	NW	NW	NW	NW	NW	E	E	E	E
Wind movement	5	5	5	6	4	4	4	6	5	5	5	7	6	6	6	5	4	3	2	2	4	4	2	3

Sunrise: Time, 6:12 Character, Clear
Moonrise: 8:34a Clear

Sunset: Time, 5:34 Character, Clear
Moonset: 10:24p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

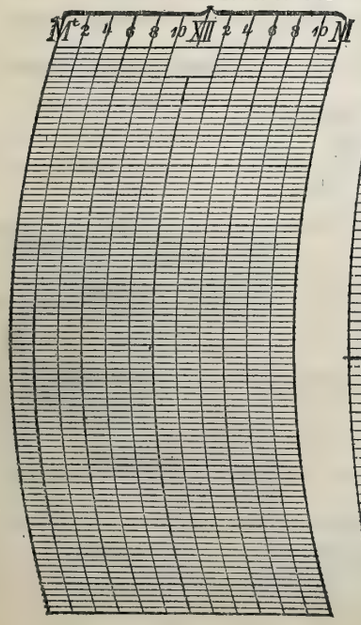
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	22	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind 108
Average hourly velocity, 4.5 Extreme velocity, 7
Maximum velocity, 7 Direction, W
Time began, 12:44 pm.
Reduced barometer, 30.31 7 a. m. 30.27 7 p. m.
River gage, 3.6 Feet
Relative humidity, 81 7 a. m. 44 7 p. m.

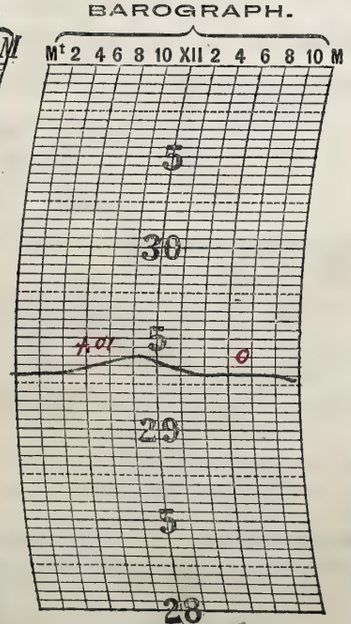
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.7 Wet temperature, 29.7
Dew-point, 16 R. humidity, 40 V. pressure, .085
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

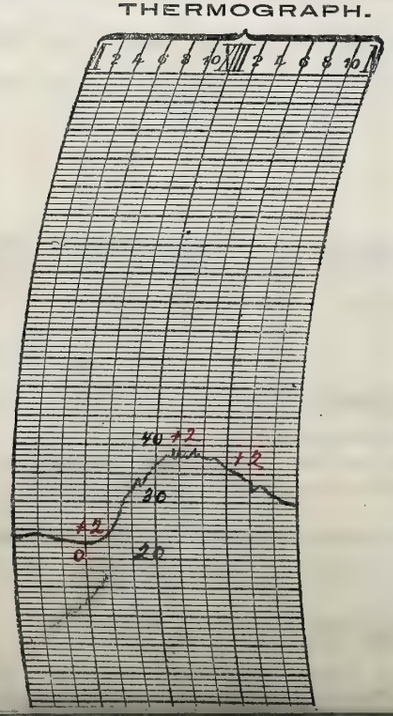
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and spring-like day.

Prepared by _____

Verified by P. M. Dunnigan

Form No. 1012—Mod. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	27	26	26	25	26	30	35	37	40	42
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunrise: Time, Character,	6:10 Clear											
Moonrise:	9:20a Clear											
Sunshine (in tenths of hours)							.83 / 0	1.0 / 0	0.1 / 0.9	1.0	1.0	1.0
Wind direction	E	E	NE	N	N	N	N	N	N	N	N	N
Wind movement	2	2	4	5	4	5	4	3	4	6	7	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	43	44	44	43	40	40	38	36	35	33	33
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									5:35 Clear			
Moonset:									11:22p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 / 0.8	.58 / 0						
Wind direction	N	NW	NW	NW	NW	W	W	W	SW	SW	SW	SW
Wind movement	9	8	8	8	8	7	4	6	8	8	9	10
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	25	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 100

Prevailing wind direction, N. Total wind 146

Average hourly velocity, 6.1 Extreme velocity, 10

Maximum velocity, 10 Direction, NW.

Time began, 12:32 p.m.

Reduced barometer, 30.14 7 a. m. 30.04 7 p. m.

River gage, 3.7 Feet.

Relative humidity, 74 7 a. m. 61 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

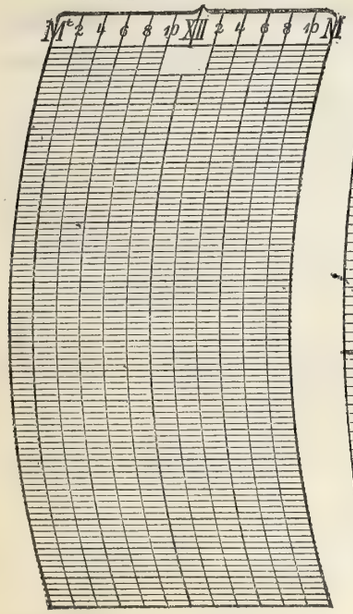
Dry temperature, 42.0 Wet temperature, 34.0

Dew-point, 21 R. humidity, 41 V. pressure, 108

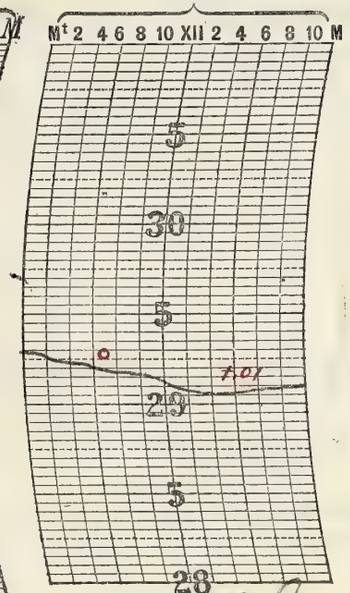
Clouds: Amount, 1; Kind, A St; Direction, NW.

Velocity of clouds (miles per hour) _____

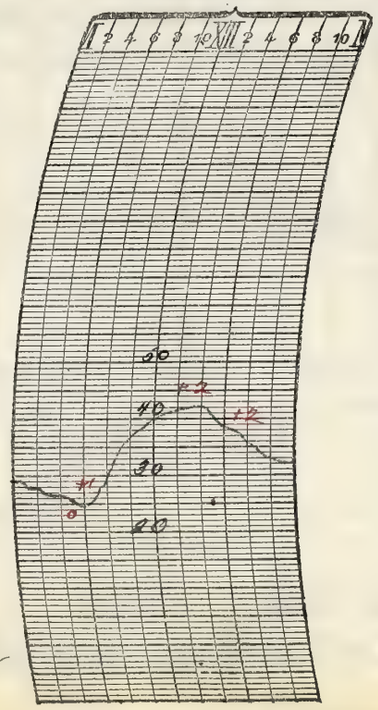
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with the mild temperatures.

Prepared by _____

Verified by C. M. Donough

8—436

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	31	31	31	31	36	39	41	43	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunshine (in tenths of hours)							.85 0	0.3 0.7	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	9	9	12	12	11	13	14	17	16	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	52	51	46	44	43	42	42	41	42	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3 0.7	.60 0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	16	17	15	16	13	12	11	12	10	7	8	7

Sunrise: Time, 6:09 Character, Clear
Moonrise: 9:50a Clear

Sunset: Time, 5:36 Character, Clear
Moonset: ____ ____

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

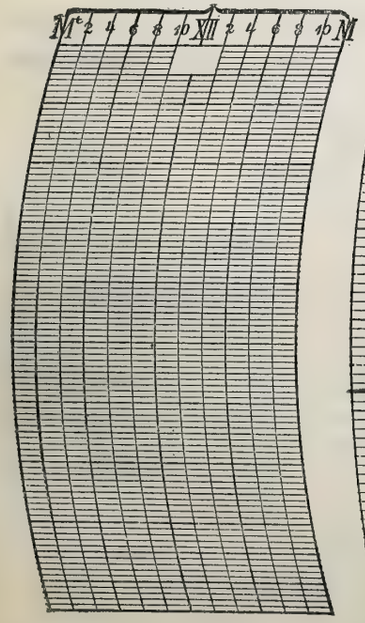
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	31	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 100
Prevailing wind direction, S & SW Total wind 290
Average hourly velocity, 12.2 Extreme velocity, 21
Maximum velocity, 20 Direction, S
Time began, 3:27 p.m.
Reduced barometer, 30.08 7 a. m. 29.91 7, p. m.
River gage, 3.8 Fest.
Relative humidity, 79 7 a. m. 67 7 p. m.

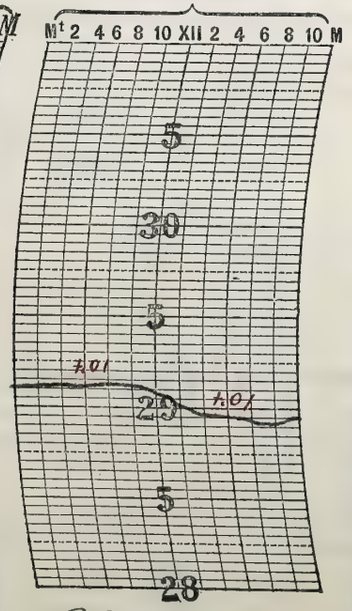
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 40.0
Dew-point, 31 R. humidity, 54 V. pressure, 172
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) _____

THERMOGRAPH.



BAROGRAPH.



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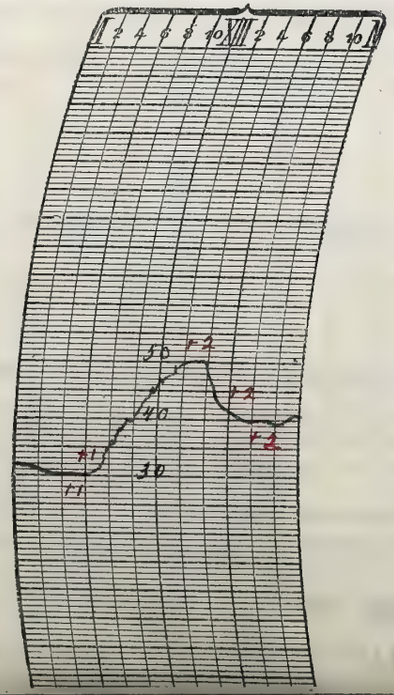


NOTES.

A clear, mild, enjoyable day and very pleasant out of doors.

Prepared by C.C.S.
Verified by J. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	42	42	42	43	44	47	51	54	54	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Pl. Cloudy					
Sunrise: Time, Character,	6:07 Cloudy											
Moonrise:	10:35a Cloudy											
Sunshine (in tenths of hours)							0	0	0.2	0.9	0.1	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	12	14	13	12	14	15	15	20	20	22	24	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	53	51	51	51	49	47	44	41	40
State of weather: Nature of precipitation and time of beginning and ending				RB 3:11			RE 6:30	RB 7:11	RE 8:15			
Amounts of precipitation				—	—	—	—	—	—			
Cloudiness and other conditions				Cloudy →								
Sunset: Time, Character,									5:37 Cloudy			
Moonset:									12:20a →			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	SW	SW	SW	SW	W	W	W
Wind movement	24	23	22	21	20	15	14	18	17	20	17	16

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	40	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .21 inches.

Character of day, Cloudy Moon phase, F.Q. 1:22 p.m.

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.2 Possible sunshine, hours, 11.5

Per cent of possible sunshine, 10

Prevailing wind direction, S Total wind 428

Average hourly velocity, 17.8 Extreme velocity, 29

Maximum velocity, 28 Direction, SW

Time began, 10:07 a.m.

Reduced barometer, 29.82 7 a. m. 29.62 7 p. m.

River gage, 4.0 Feet.

Relative humidity, 68 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

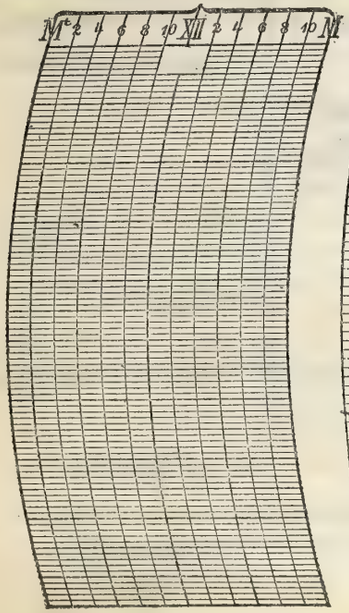
Dry temperature, 56.0 Wet temperature, 50.0

Dew-point, 45 R. humidity, 66 V. pressure, .298

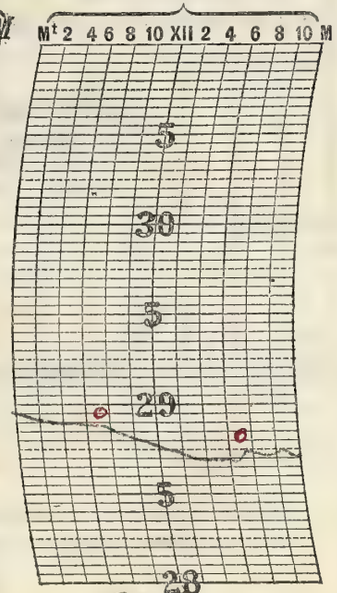
Clouds: Amount, 10; Kind, St.Cu.; Direction, S

Velocity of clouds (miles per hour)

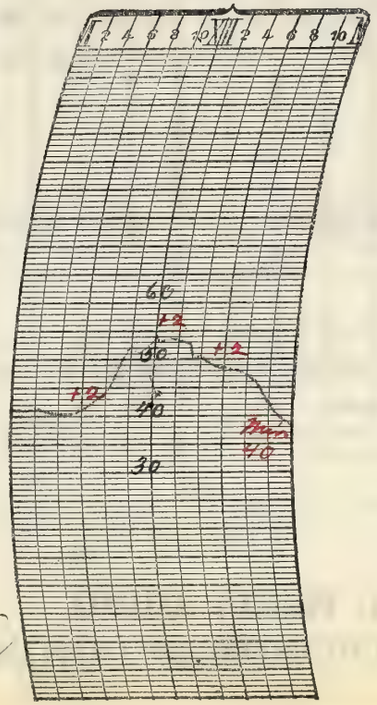
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate continuous rain and sunshine through broken clouds.

Prepared by C. M. S.

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	35	34	34	34	33	32	33	33	35
State of weather: Nature of precipitation and time of beginning and ending								Snow 7:55				
Amounts of precipitation								—	—	—	—	—
Cloudiness and other conditions							←	Cloudy				
Sunrise: Time, Character,	6:06a Cloudy											
Moonrise:	11:28a Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W
Wind movement	14	12	14	13	11	17	19	17	17	18	19	22

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	32	31	31	31	31	29	29	30
State of weather: Nature of precipitation and time of beginning and ending											Snow 5mm	
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions					Cloudy				→			
Sunset: Time, Character,									5:39 Cloudy			
Moonset:									1:17a —			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	W
Wind movement	24	20	23	22	23	22	22	16	20	19	16	16

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	29	34	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 0

Prevailing wind direction, NW Total wind 456

Average hourly velocity, 18.2 Extreme velocity, 31

Maximum velocity, 28 Direction, SW

Time began, 12:16 pm.

Reduced barometer, 29.61 7 a. m. 29.88 7 p. m.

River gage, 6.4 Feet

Relative humidity, 76 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

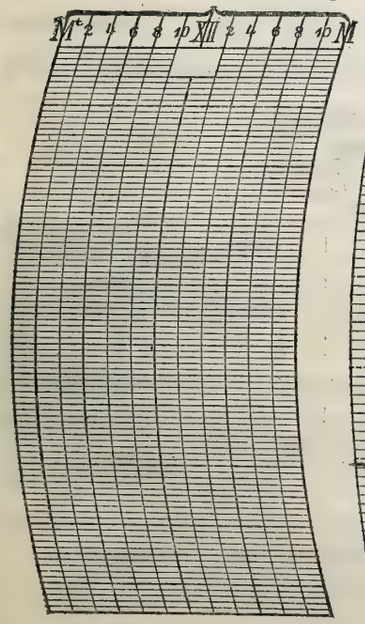
Dry temperature, 34.2 Wet temperature, 32.1

Dew-point, 29 R. humidity, 80 V. pressure, .157

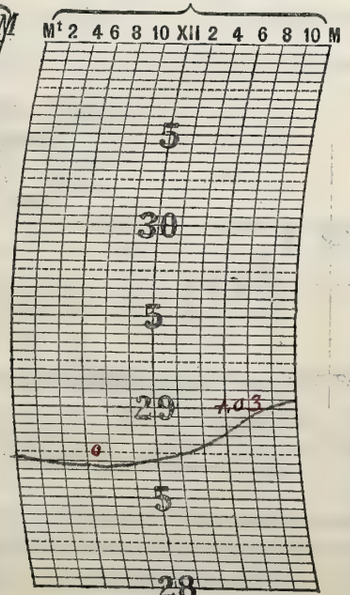
Clouds: Amount, 10; Kind, NB; Direction, W.

Velocity of clouds (miles per hour)

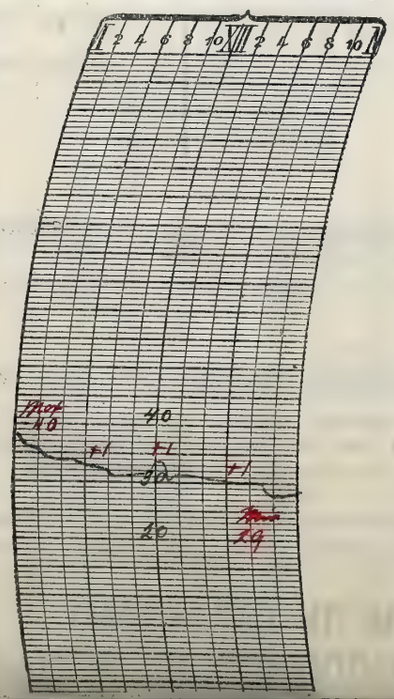
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate snow falling throughout the day which melted as it fell until the early evening when a trace remained on the ground and moderate temperature prevailing

Prepared by CCS

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	29	29	28	30	32	34	38	40	41	43	44	44	43	41	40	39	38	37	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear						→ Clear											
Sunrise: Time, Character,	6:04 Clear																							
Moonrise:	12:26p Clear																							
Sunset: Time, Character,																					5:40 Clear			
Moonset:																					2:12a			
Sunshine (in tenths of hours)							.93 0	0.4 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.67 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	S	S	S	S	SE	SE	SE	SE	S	S
Wind movement	14	13	12	11	9	6	8	7	7	7	6	8	7	8	8	9	8	6	4	6	5	6	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	28	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ...

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 98

Prevailing wind direction, W Total wind 189

Average hourly velocity, 7.9 Extreme velocity, 18

Maximum velocity, 16 Direction, W

Time began, 12:42 p.m.

Reduced barometer, 30.26 7 a. m. 30.27 7 p. m.

River gage, 6.9 Feet

Relative humidity, 76 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

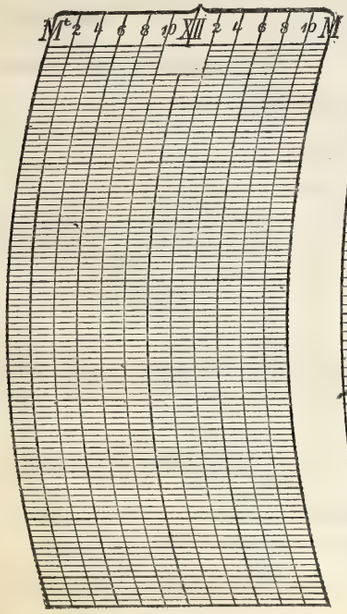
Dry temperature, 39.0 Wet temperature, 33.0

Dew-point, 24 R. humidity, 52 V. pressure, 124

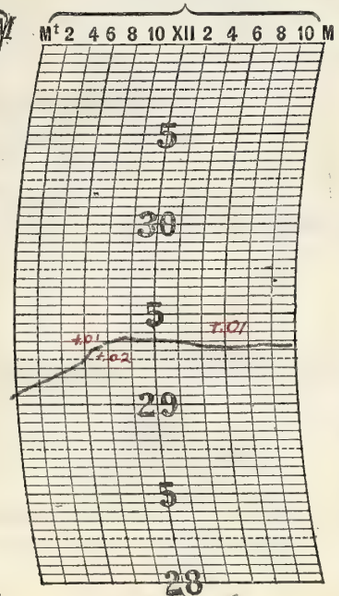
Clouds: Amount, 1; Kind, Cu; Direction, W

Velocity of clouds (miles per hour) .....

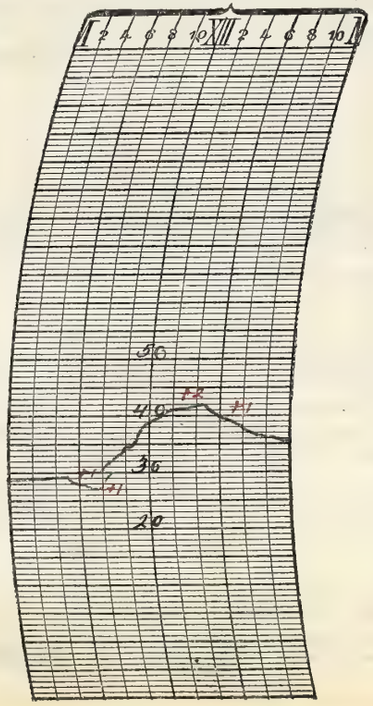
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day with mild temperatures.

Prepared by CCS

Verified by C. M. Donnegh

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	34	33	33	34	36	41	43	47	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy	× Pl Cldy	× Clear	× Pl Cldy		
Sunrise: Time, 6:02 Character, Cloudy; Moonrise: 1:31 P Cloudy												
Sunshine (in tenths of hours)							0	0	0.6	0.8	0.9	1.0
Wind direction	S	S	S	S	S	SE	SE	SE	S	S	S	S
Wind movement	7	6	7	5	3	4	5	6	9	9	9	9
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	52	51	51	48	47	46	45	46	45	45	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy		Cloudy									
Sunset: Time, 5:41 Character, Cloudy; Moonset: 3:03a —												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0	0	0						
Wind direction	SW	S	S	S	S	SE	E	E	SE	SE	SE	SE
Wind movement	8	7	8	6	3	4	5	6	6	7	7	6
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	32	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pl. Cloudy Moon phase, _____
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.3 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 54
Prevailing wind direction, S Total wind 152
Average hourly velocity, 6.3 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 8:36 a.m.
Reduced barometer, 30.23 7 a. m. 30.07 7 p. m.
River gage, 6.4 Feet.
Relative humidity, 74 7 a. m. 54 7 p. m.

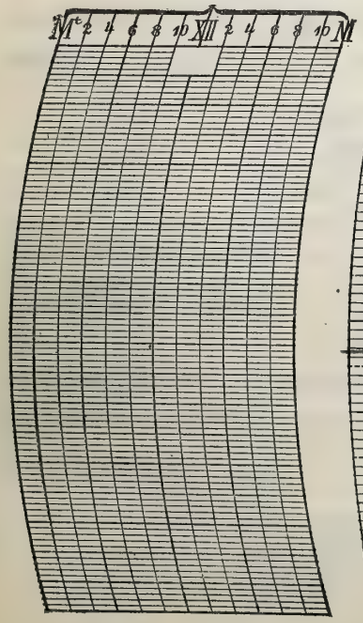
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

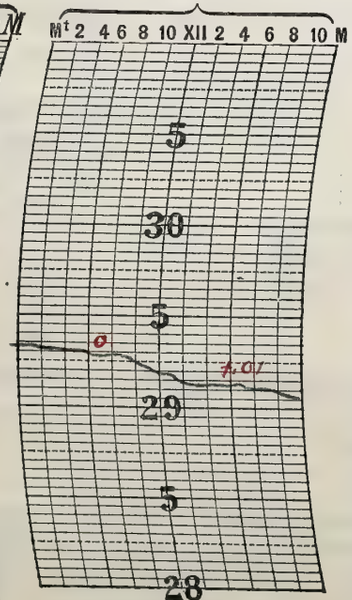
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.0 Wet temperature, 39.6
Dew-point, 28 R. humidity, 46 V. pressure, 13.0
Clouds: Amount, 4; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

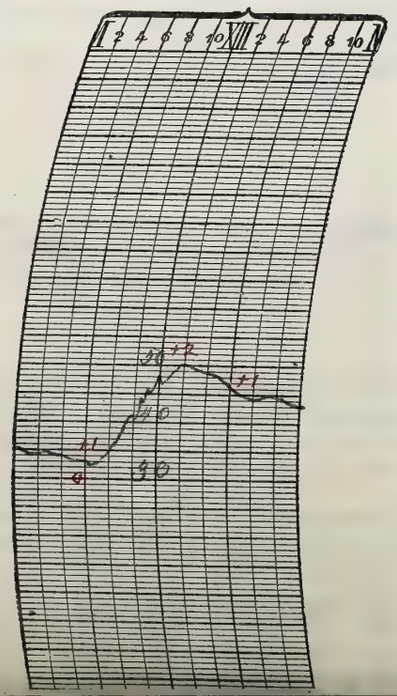
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A faint solar halo of 22° radius was observed from 4:00 pm, until about sunset.

A frostly cloudy day with moderate temperatures.

A faint lunar halo of 22° radius was observed from 6:40 pm, until about 8:30 pm.

Prepared by CCS

Verified by P. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) ....., (Date) ....., 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	41	41	40	40	39	40	44	49	52	52	52	52	51	47	46	45	42	40	40	39	40	40
															RB 2:35									
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation															—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions							← Cloudy × P. Clr ×								Cloudy									→
	Sunrise: Time, 6:01 Character, Cloudy. Moonrise: 2:35p Cloudy																				Sunset: Time, 5:42 Character, Cloudy. Moonset: 3:50a			
Sunshine (in tenths of hours)							0	0	0	0.3	1.0	1.0	0.5	0	0	0	0	0						
Wind direction	S	SE	S	E	E	E	NE	E	E	E	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	5	5	3	5	4	7	7	10	11	11	16	19	19	17	18	14	15	16	17	17	17	16	13	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	38	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 2 a. m., 0 ins.; to 7 p. m., .08 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.8 Possible sunshine, hours, 11.7

Per cent of possible sunshine, 24

Prevailing wind direction, E Total wind 290

Average hourly velocity, 12.1 Extreme velocity, 25

Maximum velocity, 23 Direction, E

Time began, 12:07 pm.

Reduced barometer, 29.86 7 a. m. 29.54 7 p. m.

River gage, 6.2 Feet.

Relative humidity, 82 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

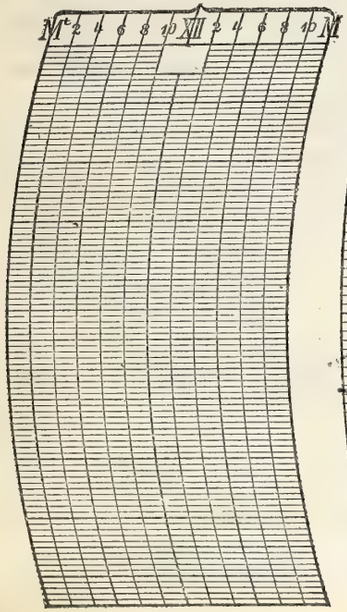
Dry temperature, 52.0 Wet temperature, 44.0

Dew-point, 35 R. humidity, 52 V. pressure, .203

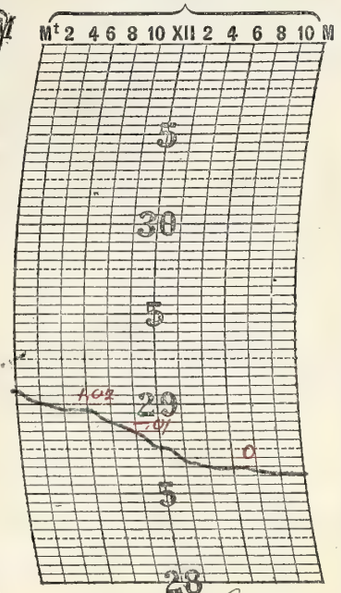
Clouds: Amount, 9; Kind, Cu.; Direction, SE

Velocity of clouds (miles per hour)

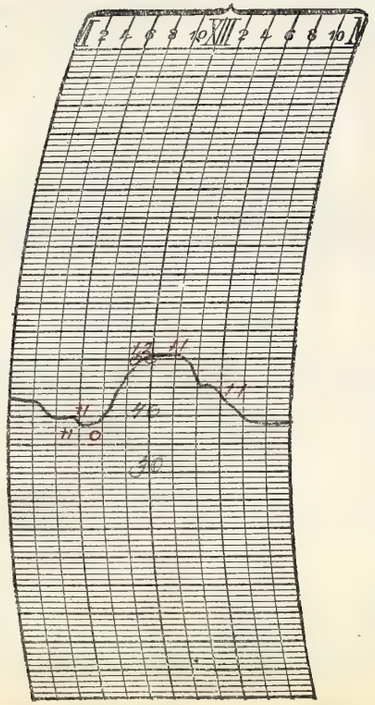
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by

Verified by P. McDonough

8—486

NOTES.

Special 12:00 noon (75th Meridian Time) observation called for by the Central Office.

A cloudy day with mild temperatures and rain from the early afternoon hours.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90" mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	40	39	38	36	35	34	35	36	37	40	42
State of weather. Nature of precipitation and time of beginning and ending							RE 6:10 S mg 6:10		S RE 8:29			
Amounts of precipitation	—	—	—	—	—	—	—	—	—			
Cloudiness and other conditions							←		Cloudy			
Sunrise: Time, Character, 5:59 Cloudy; Moonrise: 3:53p												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	N	NE	NE	N	N	N	N	NE	NE
Wind movement	3	4	3	5	7	9	8	7	10	11	13	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	44	45	45	45	43	43	41	39	38	37	36
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					→ Pt. Cloudy →		Clear	→ Pt. Cloudy →				
Sunset: Time, Character, 5:43 Clear; Moonset: 4:35a												
Sunshine (in tenths of hours)	0	0.2	0.2	0.1	0.8 0.1	.72 0						
Wind direction	N	N	NE	NE	NE	N	N	NE	NE	NE	NE	NE
Wind movement	12	14	12	14	9	5	6	10	9	9	7	7
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	34	40	

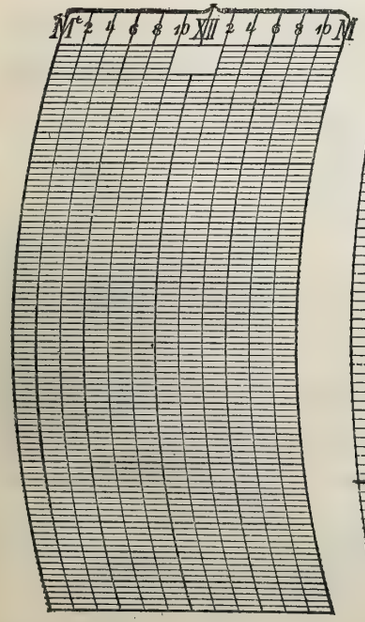
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .96 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .96 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0–10), 8
Actual sunshine, hours, 2.1 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 18
Prevailing wind direction, NE Total wind 208
Average hourly velocity, 8.7 Extreme velocity, 17
Maximum velocity, 16 Direction, N.
Time began, 1:38 pm.
Reduced barometer, 29.63 7 a. m. 30.09 7 p. m.
River gage, 12.0 Feet.
Relative humidity, 92 7 a. m. 70 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

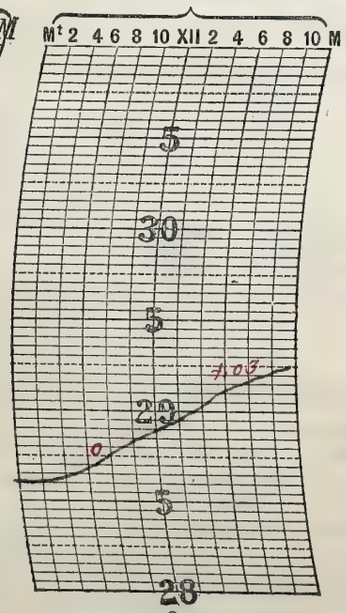
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 37.0
Dew-point, 33 R. humidity, 76 V. pressure, .187
Clouds: Amount, 10; Kind, Sicu.; Direction, NE
Velocity of clouds (miles per hour)

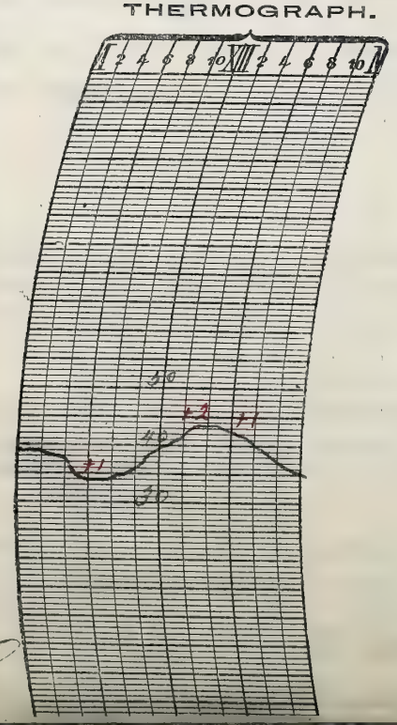
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Ø Estimated.
▲ Eye observation.

NOTES.

Prepared by CDS
Verified by O. M. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 20th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	32	32	31	31	32	34	35	36	37	38	40	42	43	44	44	43	43	38	38	39	38	41
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								← Cloudy							× Pt. Cloudy			× Clear						→
	Sunrise: Time, 5:57; Character, Clear. Moonrise: 5:08p Clear																				Sunset: Time, 5:44; Character, Clear. Moonset: 3:15a —			
						△ .05	△ 1.0									△ .73	△	△						
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0.2	1.0	0						
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	SE	SE	SE	SE	SE	SE	E	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	6	7	8	5	6	5	8	4	5	5	3	5	5	5	6	6	3	3	6	6	5	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

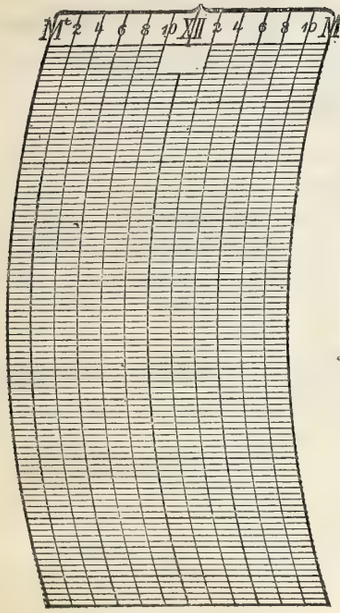
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	31	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, _____
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.0 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 25
Prevailing wind direction, SE. Total wind 120
Average hourly velocity, 5.4 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 7:07 a.m.
Reduced barometer, 30.35 7 a. m. 30.28 7, p. m.
River gage, 13.4 Feet.
Relative humidity, 24 7 a. m. 85 7 p. m.

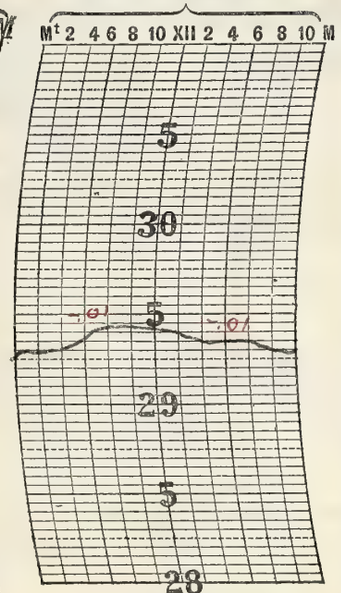
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.0 Wet temperature, 36.0
Dew-point, 33 R. humidity, 83 V. pressure, .187
Clouds: Amount, 10; Kind, St; Direction, SE
Velocity of clouds (miles per hour) _____

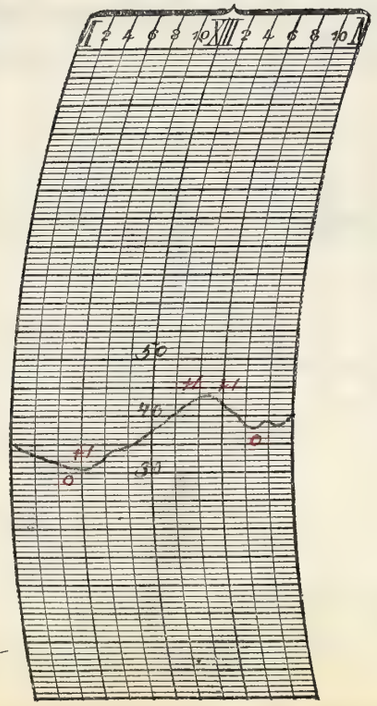
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by ECS

Verified by W. M. Denny

8—486

A Eye observation.

NOTES.

The day opened clear but the sky became overcast rapidly between the hours of six and seven in the morning and remained cloudy until about the middle of the afternoon the sun appearing about 3:45 p.m. Altogether a very pleasant day.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	40	40	40	40	40	40	46	52	56	59	61	62	63	64	64	61	60	60	58	57	56	55	54
State of weather. Nature of precipitation and time of beginning and ending																					RB 8:00 RE 8:15		RB 10:50	
Amounts of precipitation																					—		—	—
Cloudiness and other conditions						←			Cloudy			→			Pt. Cloudy	→			Cloudy					
Sunshine (in tenths of hours)						0	0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0						
Wind direction	SE	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	5	8	6	6	8	7	8	12	16	14	15	19	17	16	16	17	15	11	9	9	6	7	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:56 Character, Cloudy
Moonrise: 6:22P Cloudy

Sunset: Time, 5:45 Character, Cloudy
Moonset: 5:54a Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

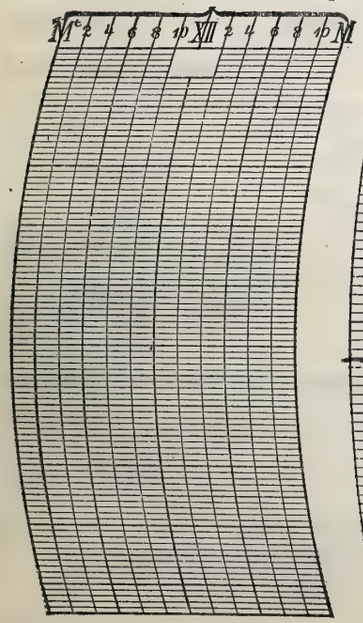
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	40	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.10 inches.
Character of day, Cloudy Moon phase, Full-5:14a.
Average daily cloudiness (0–10), 8
Actual sunshine, hours, 9.1 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 77
Prevailing wind direction, SW Total wind 262
Average hourly velocity, 10.9 Extreme velocity, 24
Maximum velocity, 29 Direction, SW
Time began, 3:44 p.m.
Reduced barometer, 30.22 7 a. m. 30.09 7 p. m.
River gage, 11.8 Feet.
Relative humidity, 84 7 a. m. 58 7 p. m.

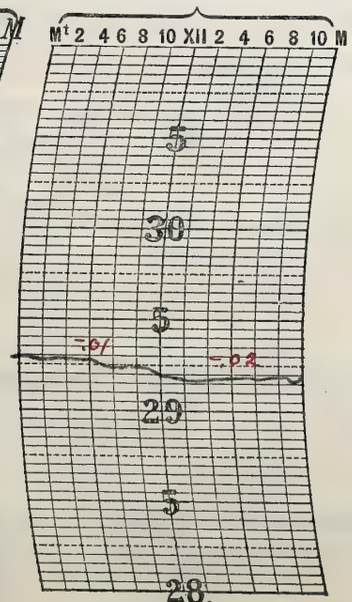
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.6 Wet temperature, 51.8
Dew-point, 44 R. humidity, 55 V. pressure, 28.7
Clouds: Amount, 8; Kind, Cist; Direction, NW.
Velocity of clouds (miles per hour)

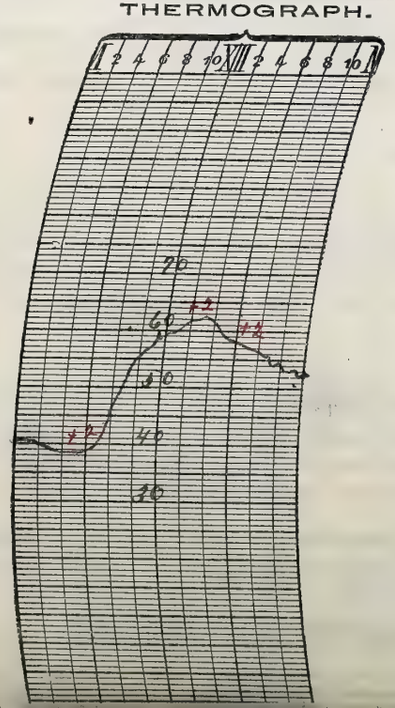
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C.E.S.
Verified by P. McDonough

* Estimated.

NOTES.

A cloudy day with moderate temperatures

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	54	54	52	51	50	47	47	46	46	48	49	49 RE 1:10	51	50	49	48	48	47	46	45	45	44
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	—	—										
Cloudiness and other conditions							← Cloudy												→					

Sunrise: Time, 5:54 Character, Cloudy
Moonrise: 7:35p Cloudy

Sunset: Time, 5:46 Character, Cloudy
Moonset: 6:33a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	W	SW	SW	SW	SW	NW	N	NE	NE	NE	E	E	S	SE	SE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	6	5	2	2	2	6	11	14	15	11	4	3	8	7	7	5	7	5	7	10	10	11	13	14
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

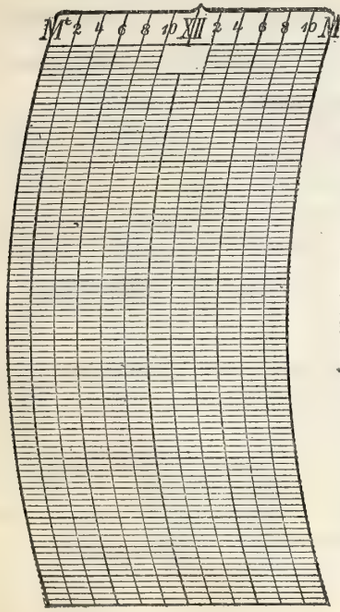
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	44	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .65 ins.; to 7 p. m., .23 ins.
Total precipitation, midnight to midnight, .78 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 185
Average hourly velocity, 7.7 Extreme velocity, 19
Maximum velocity, 18 Direction, NE
Time began, 8:27 a.m.
Reduced barometer, 30.12 7 a. m. 30.03 7 p. m.
River gage, 10.6 Feet
Relative humidity, 93 7 a. m. 83 7 p. m.

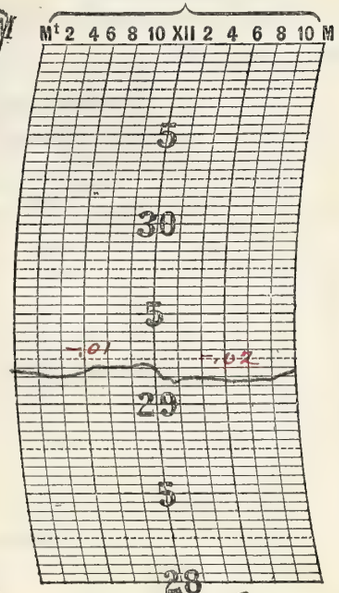
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 45.0
Dew-point, 43 R. humidity, 86 V. pressure, .277
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour) _____

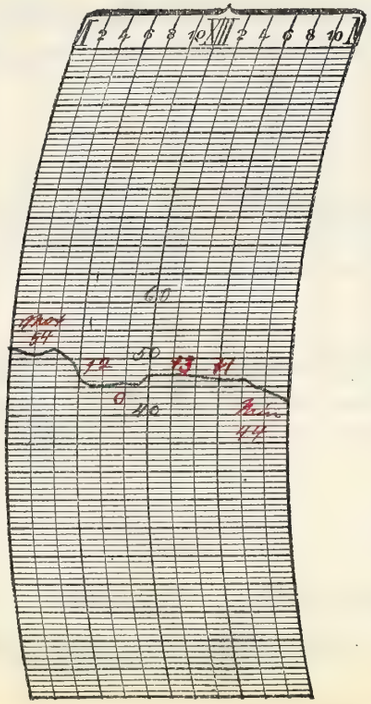
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by _____

Verified by C. M. McDonough

8—486

NOTES.

Intents were advised rain will reach sixteen foot stage by Wednesday morning.

A cloudy day with rain during the morning and early afternoon hours.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	38	38	35	36	37	41	44	46	47	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunshine (in tenths of hours)						.12 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	N	N	N	NE	NE	NE	NE
Wind movement	14	14	11	11	10	8	5	9	10	11	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	52	52	51	47	45	42	41	40	39	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	.48 0.3						
Wind direction	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	9	11	10	11	11	10	10	8	7	6	6

Sunrise: Time, 5:53 Character, Clear

Moonrise: 8:46p Clear

Sunset: Time, 5:47 Character, Clear

Moonset: 7:11a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0-10), Fair.

Actual sunshine, hours, 11.9 Possible sunshine, hours, 11.9

Per cent of possible sunshine, 100

Prevailing wind direction, NW Total wind 231

Average hourly velocity, 9.6 Extreme velocity, 17

Maximum velocity, 16 Direction, NE

Time began, 12:43 a.m.

Reduced barometer, 30.20 7 a. m. 30.20 7 p. m.

River gage, 14.9 Feet.

Relative humidity, 59 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

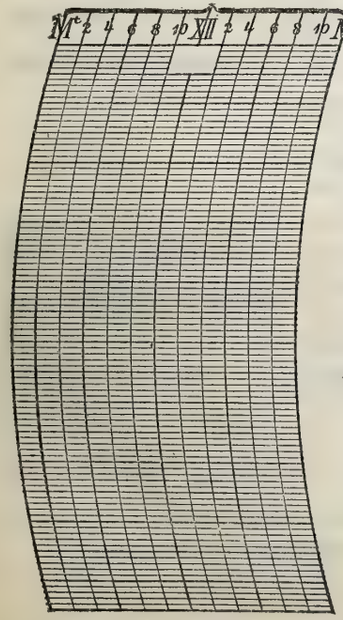
Dry temperature, 48.0 Wet temperature, 36.2

Dew-point, 16 R. humidity, 36 V. pressure, .085

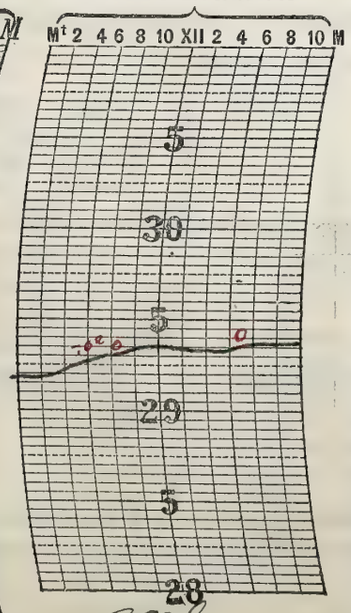
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

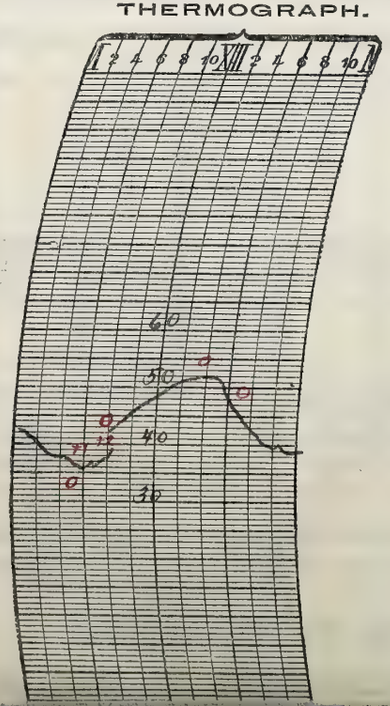
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and spring-like day with an abundance of sunshine. River stage at 11:40 a.m., 15.4 feet.

Prepared by _____

Verified by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	37	37	36	35	35	35	36	37	40	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear	Pl. Cldy	Cldy	Cloudy			
Sunshine (in tenths of hours)						0	0.4	0.3	0	0.8	1.0	1.0
Wind direction	NW	NW	W	NW	NW	NW	N	N	NE	N	NW	N
Wind movement	4	5	5	7	8	6	6	7	7	5	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	45	44	44	43	43	41	40	39	38	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pl Cldy			Cloudy								
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.6	0	0						
Wind direction	NW	NW	N	NW	N	NW	N	NE	NE	NE	NE	NE
Wind movement	7	6	5	6	7	4	3	5	5	6	8	6

Sunrise: Time, 5:51 Character, Cloudy
Moonrise: 9:54p. Cloudy
Sunset: Time, 5:48 Character, Cloudy
Moonset: 7:51a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

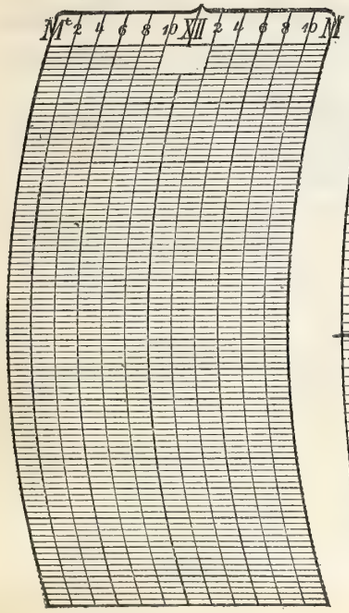
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	35	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pl. Cloudy Moon phase, _____
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 58
Prevailing wind direction, NW Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 7:50 a.m.
Reduced barometer, 30.38 7 a. m. 30.34 7 p. m.
River gage, 14.0 Feet
Relative humidity, 64 7 a. m. 38 7 p. m.

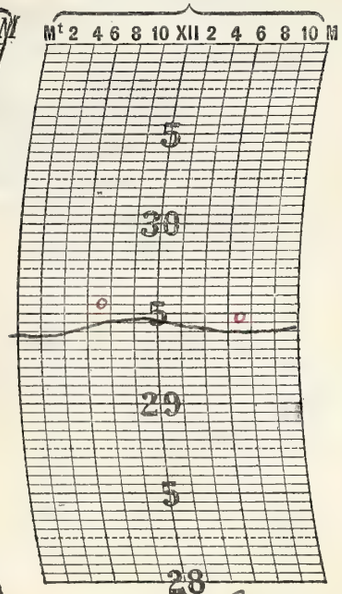
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.3 Wet temperature, 33.8
Dew-point, 20 R. humidity, 38 V. pressure, 10.3
Clouds: Amount, 8; Kind, Ast; Direction, NW.
Velocity of clouds (miles per hour)

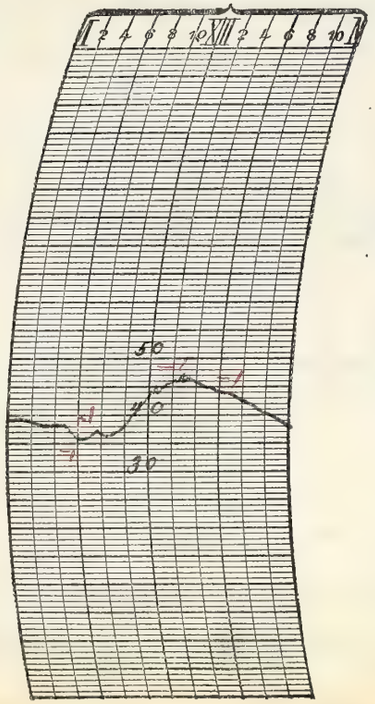
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy day with moderate temperatures.

Prepared by CDS

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	35	34	33	33	32	33	34	35	35	37	36	36	36	36	36	35	33	32	31	29	28
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Cloudy							Cloudy						→		
Sunshine (in tenths of hours)						6	0	0	0	0.7	0.9	0.6	1.0	0.1	0	0	0	0						
Wind direction	NE	E	E	E	E	E	E	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	8	9	6	6	9	10	10	12	14	13	12	10	10	12	13	13	13	13	12	14	18	18	17	16
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:42 Character, Cloudy
Moonrise: 10:58p Cloudy

Sunset: Time, 5:50 Character, Cloudy
Moonset: 8:33a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

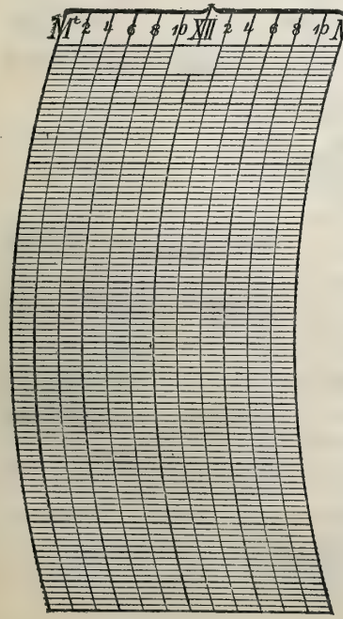
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	28	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 3.3 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 28
Prevailing wind direction, E Total wind 288
Average hourly velocity, 12.0 Extreme velocity, 26
Maximum velocity, 24 Direction, E
Time began, 8:29pm.
Reduced barometer, 30.41 7 a. m. 30.39 7 p. m.
River gage, 11.1 Feet.
Relative humidity, 79 7 a. m. 71 7 p. m.

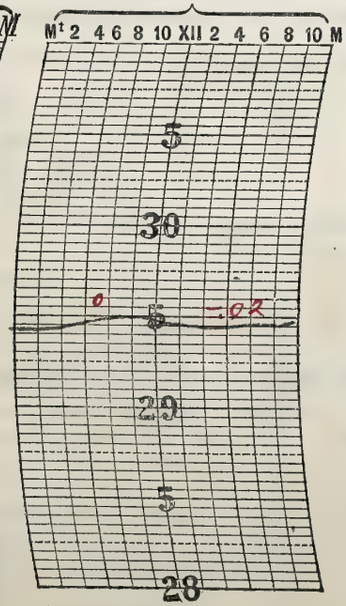
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.0 Wet temperature, 31.0
Dew-point, 23 R. humidity, 56 V. pressure, .118
Clouds: Amount, 9; Kind, ASt; Direction, ?
Velocity of clouds (miles per hour) _____

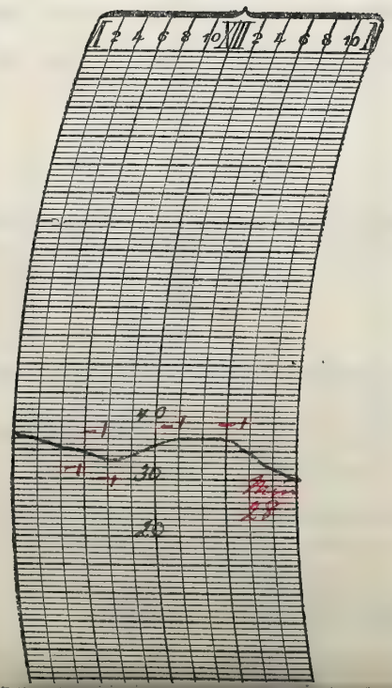
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Solar halo of 22° radius observed from 11:40am, until 12:15pm. A cloudy day with moderate temperatures

Prepared by CDS

Verified by C. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	25	25	26	26	26	27	28	29	30	32
State of weather. Nature of precipitation and time of beginning and ending		SIB 1:40	SIE DWR									
Amounts of precipitation		—	—									
Cloudiness and other conditions						← Cloudy						
Sunrise: Time, Character,	5:48 Cloudy											
Moonrise:	11:58p Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	17	18	19	16	17	17	17	18	17	17	16	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	35	37	36	36	36	35	36	36	36	35
State of weather. Nature of precipitation and time of beginning and ending	RB 12:25		RE 2:30									
Amounts of precipitation	—	—	—									
Cloudiness and other conditions						← Cloudy						
Sunset: Time, Character,									5:51 Cloudy			
Moonset:									9:18a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	SE	E	E	E	E	E	E	E	E	E	E
Wind movement	14	11	13	12	10	11	10	11	13	14	10	12

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	25	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind 345

Average hourly velocity, 14.4 Extreme velocity, 26

Maximum velocity, 25 Direction, E

Time began, 7:25 a.m.

Reduced barometer, 30.34 7 a. m. 30.09 7 p. m.

River gage, 8.7 Feet

Relative humidity, 82 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

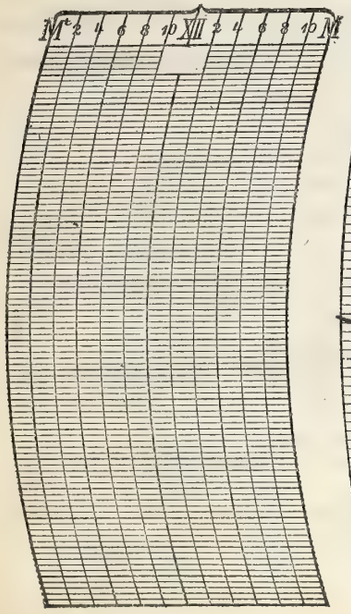
Dry temperature, 32.0 Wet temperature, 28.5

Dew-point, 23 R. humidity, 65 V. pressure, 118

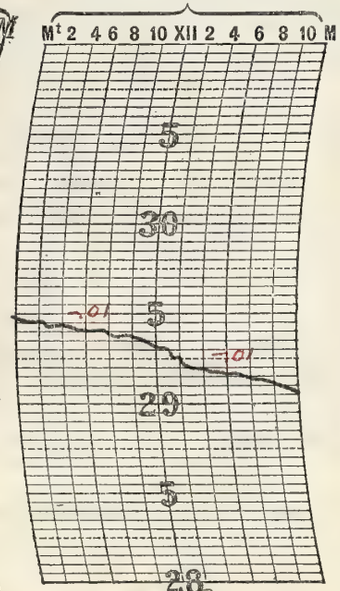
Clouds: Amount, 10; Kind, Ast; Direction, W

Velocity of clouds (miles per hour)

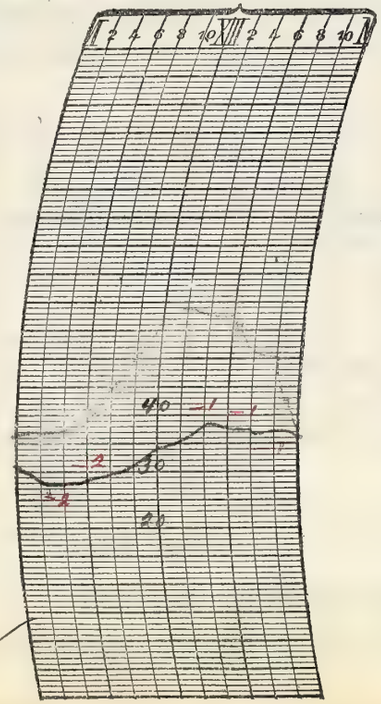
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures

Prepared by _____

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	36	37	37	39	42	45	48	51	54
State of weather: Nature of precipitation and time of beginning and ending		RB & E DNA					RB 6:30				RE 10:55	
Amounts of precipitation	—	—	—				—	—	—	—	—	
Cloudiness and other conditions						←			Cloudy			
Sunrise: Time, 5:46 Character, Cloudy												
Moonrise: —												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE
Wind movement	12	12	11	9	9	9	8	6	7	7	11	12
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	59	58	58	58	57	57	51	50	50	42	38
State of weather: Nature of precipitation and time of beginning and ending						RB 5:30		RE 7:25		RB 9:40		RE 11:15
Amounts of precipitation						—	—	—		—	—	—
Cloudiness and other conditions								→ Cloudy				
Sunset: Time, 5:32 Character, Cloudy												
Moonset: 10:06a Cloudy												
Sunshine (in tenths of hours)	0.5	0.4	0.4	0	0	0						
Wind direction	S	S	S	S	SE	SE	SE	S	S	S	S	SW
Wind movement	18	15	12	8	5	4	9	21	16	13	12	21
Maximum velocities (exceeding 29 miles) direction and time								36 SW 7:28				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	35	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .19 ins.

Total precipitation, midnight to midnight, .29 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.3 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 11

Prevailing wind direction, SE Total wind 272

Average hourly velocity, 11.3 Extreme velocity, 40

Maximum velocity, 36 Direction, SW.

Time began, 7:28 p.m.

Reduced barometer, 29.72 7 a. m. 29.26 7 p. m.

River gage, 7.7 Feet.

Relative humidity, 84 7 a. m. 88 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts _____

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

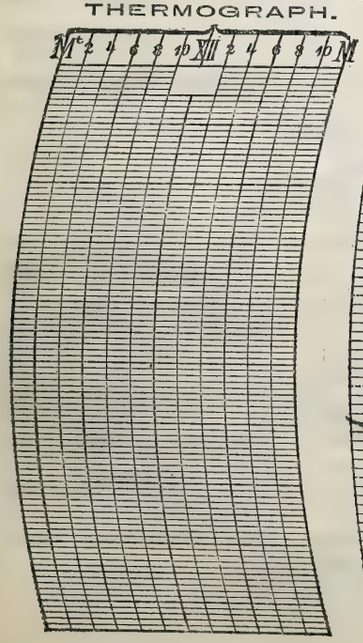
Dry temperature, 52.2 Wet temperature, 50.4

Dew-point, 49 R. humidity, 89 V. pressure, .347

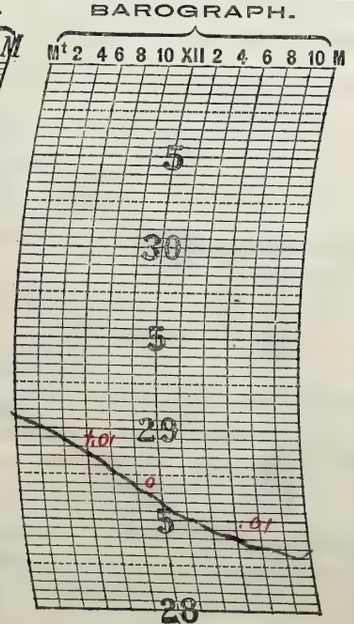
Clouds: Amount, 10; Kind, St Cu.; Direction, SE

Velocity of clouds (miles per hour) _____

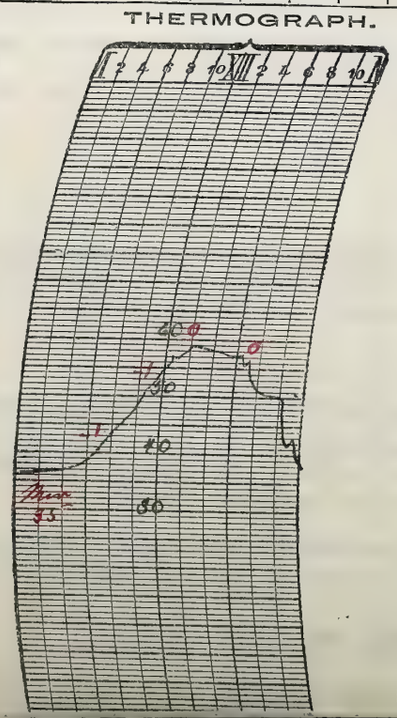
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



§ Estimated.

NOTES.

Special 12:00 Noon (75th Meridian Time) observation called for by the Central Office.

A Cloudy Day with intermittent showers of rain and mild temperatures.

Prepared by CCS

Verified by C. M. O'Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	31	30	30	30	30	30	27	28	29	31	31
State of weather: Nature of precipitation and time of beginning and ending		SnB 1:15										
Amounts of precipitation		—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	← Cloudy →					← Cloudy →						
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	25	27	26	24	27	26	25	26	26	26	27	26
Maximum velocities (exceeding 29 miles) direction and time		30 W 1:20	30 W 2:08		31 W 4:38		31 SW 6:17	31 W 7:12	30 W 8:10	30 W 9:27	30 W 10:45	30 W 11:19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	30	30	30	30	30	30	30	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	-	-	-	-	-	-	-	-	-	-	-	-
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	NW	W	W	W	W	NW	NW	NW	NW
Wind movement	26	24	26	25	21	21	19	20	22	19	20	21
Maximum velocities (exceeding 29 miles) direction and time	31 W 1:20		30 W 2:30	33 NW 3:27								

Sunrise: Time, 5:44 Character, Cloudy
Moonrise: 12:52a Cloudy

Sunset: Time, 5:53 Character, Cloudy
Moonset: 10:58a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	27	32	-

Total depth of snow for 24 hours ending 7 p. m., 2.2 inches.
Snow, sleet, and hail on ground 7 p. m., 1.6 inches.
Total snowfall, midnight to midnight, 2.2 inches.
Precipitation to 7 a. m., .24 ins.; to 7 p. m., .13 ins.
Total precipitation, midnight to midnight, .28 inches.
Character of day, Cloudy Moon phase, L.Q. 2:49 p.m.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 575
Average hourly velocity, 24.0 Extreme velocity, 34
Maximum velocity, 33 Direction, NW
Time began, 3:07 p.m.
Reduced barometer, 29.44 7 a. m. 29.23 7 p. m.
River gage, 7.5 Feet.
Relative humidity, 77 7 a. m. 89 7 p. m.

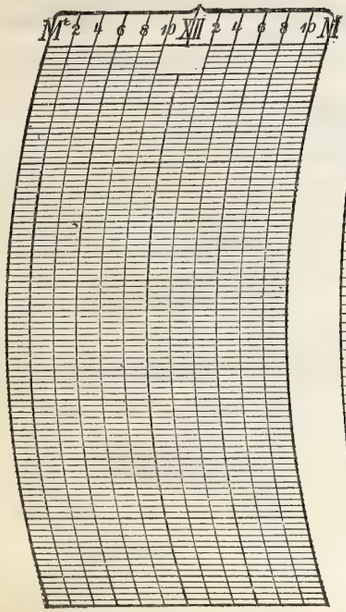
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

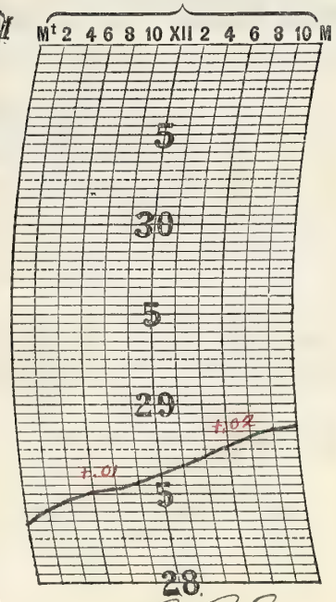
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.3 Wet temperature, 29.3
Dew-point, 28 R. humidity, 89 V. pressure, .150
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

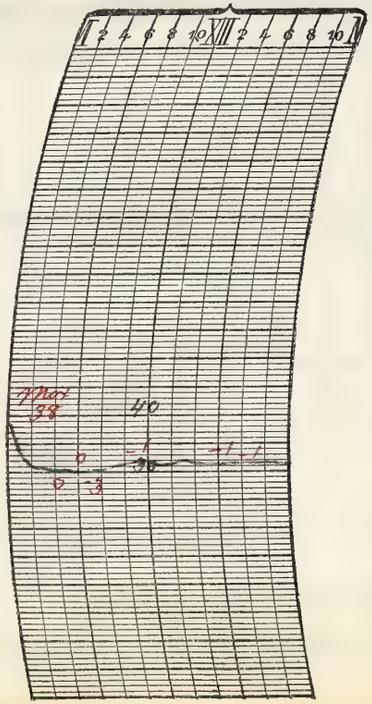
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*Estimated

NOTES.

A cloudy day with snow falling throughout the day.

Prepared by _____

Verified by P. McDonough

8—486

Form No. 1014—Met f.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	29	29	29	26	26	27	28	29	30	30	29	29	28	28	[illegible]	27	26	26	26	26	26
State of weather. Nature of precipitation and time of beginning and ending																			SMF 6:10					
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Cloudiness and other conditions						← Cloudy											Cloudy →							
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.5	1.0	0.2	0	0	0	0						
Wind direction	NW	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	19	22	20	20	19	18	13	11	11	12	15	17	20	21	20	23	20	18	18	17	14	18	15	15

Sunrise: Time, 5:43 Character, Cloudy
Moonrise: 1:39a

Sunset: Time, 5:54 Character, Cloudy
Moonset: 11:51a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

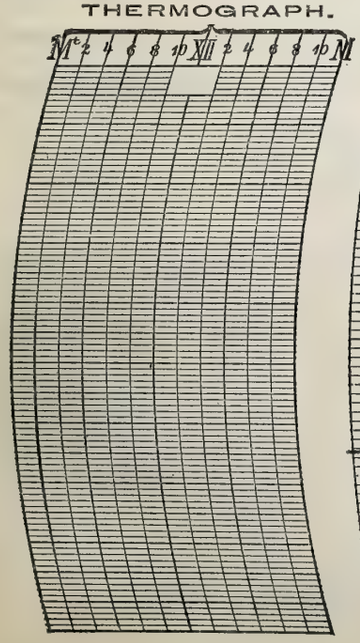
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	26	28	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0.6 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.7 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 14
Prevailing wind direction, NW Total wind 416
Average hourly velocity, 17.3 Extreme velocity, 31
Maximum velocity, 28 Direction, NW
Time began, 12:54 p.m.
Reduced barometer, 29.95 7 a. m. 30.23 7 p. m.
River gage, 7.7 Feet.
Relative humidity, 88 7 a. m. 70 7 p. m.

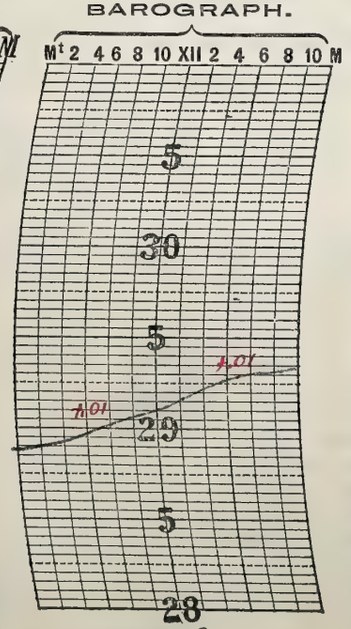
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.0 Wet temperature, 28.0
Dew-point, 25 R. humidity, 78 V. pressure, .130
Clouds: Amount, 10; Kind, Np; Direction, NW.
Velocity of clouds (miles per hour)

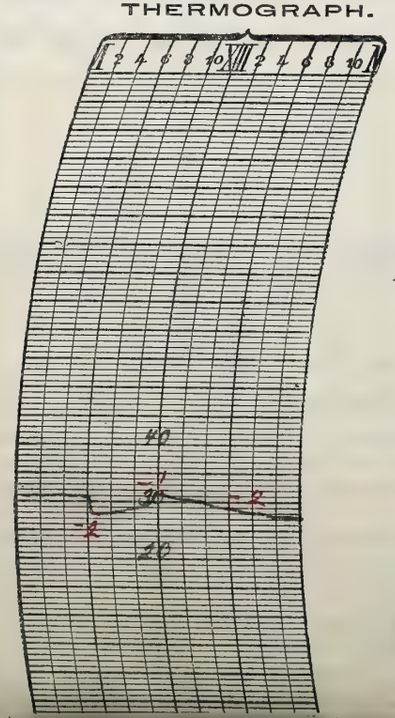
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by _____
Verified by P. McDonough

NOTES.

Estimated

Vernal equinox; spring commenced at 3:49 a. m., this date.

A cloudy and cold day with snow falling continuously from the 26th until the early evening hours this date.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	26	25	25	25	24	25	26	28	29	29	32	34	36	39	38	37	[illegible]	35	34	32	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy	x	Pt. Cldy	x							Clear								
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2						
Wind direction	NW	NW	N	NW	N	N	N	N	N	N	NW	NW	NW	NW	NW	SW	SW	SW	S	SE	SE	SE	SE	SE
Wind movement	13	11	12	12	11	11	8	12	9	7	7	7	6	7	6	6	5	4	4	4	3	4	3	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:41 Character, Cloudy
Moonrise: 2:22a ?

Sunset: Time, 5:55 Character, Clear
Moonset: 12:45p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

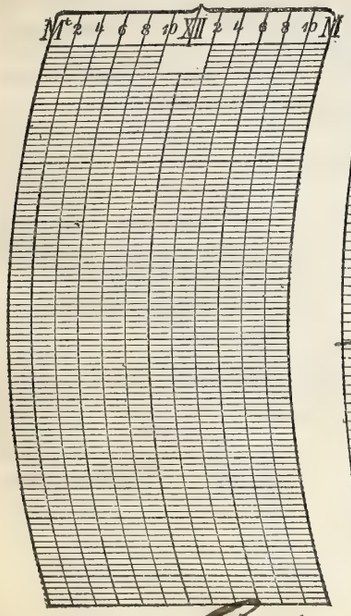
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	24	32.5	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, 1 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.5 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 78
Prevailing wind direction, NW Total wind 178
Average hourly velocity, 7.4 Extreme velocity, 17
Maximum velocity, 17 Direction, NW
Time began, 3:56 a.m.
Reduced barometer, 30.40 7 a. m. 30.34 7 p. m.
River gage, 7.4 Feet
Relative humidity, 87 7 a. m. 7 p. m.

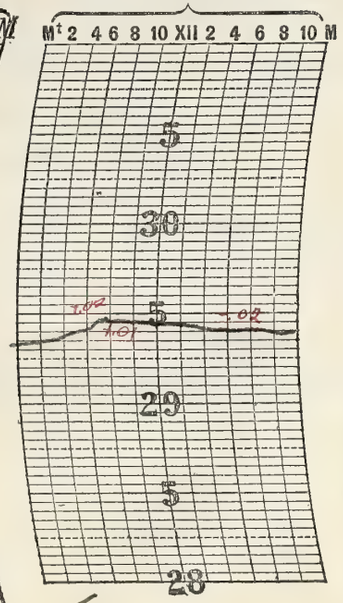
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.8 Wet temperature, 25.2
Dew-point, 15 R. humidity, 51 V. pressure, 0.81
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

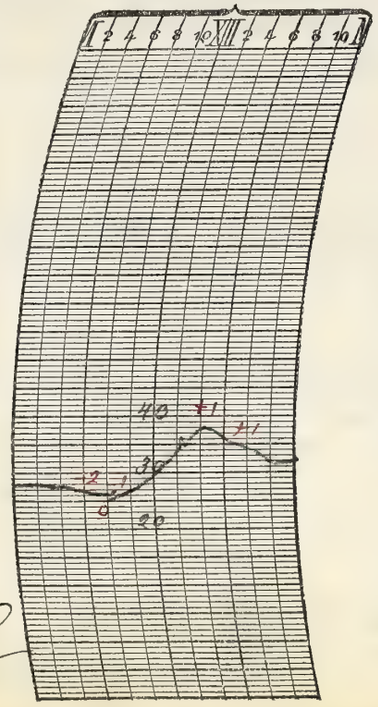
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A frostly cloudy day with moderate to [illegible] breeze

Prepared by C. O. S.
Verified by C. W. McDonough

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). ____ mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	32	32	32	34	35		38	42	45	50	53	59	61	64	64	63	60	58	57	56	55	55	54
																			RB 6:30					RE DNP
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																			—	—	—	—	—	—
Cloudiness and other conditions													Clear							Cloudy				
Sunrise: Time, 5:39 Character, Cloudy																					Sunset: Time, 5:56 Character, Cloudy			
Moonrise: 3:00a																					Moonset: 1:41p Clear			
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0						
Wind direction	SE	SE	SE	SE	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW
Wind movement	4	8	7	8	9	10	13		18	19			16	17	14		10	7	5	5	5	6	8	4
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	31	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 9.6 Possible sunshine, hours, 12.3

Per cent of possible sunshine, 74

Prevailing wind direction, SW Total wind _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, 23 Direction, S

Time began, 9:40 a.m.

Reduced barometer, 30.25 7 a. m. 30.13 7, p. m.

River gage, 7.9 Rise

Relative humidity, _____ a. m. 6 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

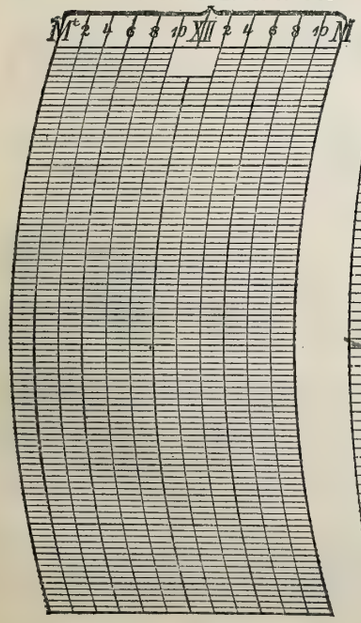
Dry temperature, 55.0 Wet temperature, 46.3

Dew-point, 37 R. humidity, 57 V. pressure, .219

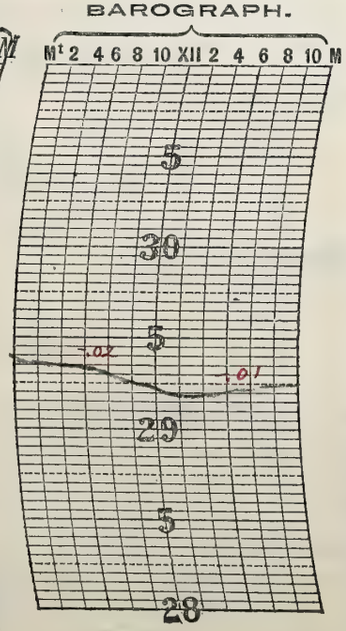
Clouds: Amount, 1; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour) _____

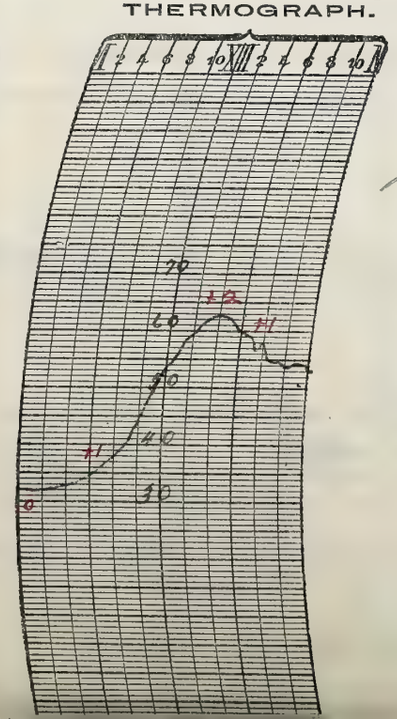
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with mild temperature which caused the disappearance of the remaining snow.

A thunderstorm of light intensity and accompanied by moderate precipitation began at 6:12 p.m. and ended during the night p.m. The storm moved from the west.

Prepared by CAS

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	50	46	46	45	44	43	42	41	43	44
State of weather: Nature of precipitation and time of beginning and ending								RB 7:12 RE 7:18				
Amounts of precipitation								T				
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	5:38 Cloudy											
Moonrise:	3:35a											
Sunshine (in tenths of hours)						0	0	0	0	0	0.2	0.5
Wind direction	N	E	NE	NE	E	E	E	E	NE	E	E	E
Wind movement	3	4	9	12	12	13	16	16	14	15	15	13
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	43	43	41	40	40	40	39	39	39	39
State of weather: Nature of precipitation and time of beginning and ending		RB 1:00	RE 2:14		RB 4:00	RE 5:35		RB 7:00 RE 7:19				
Amounts of precipitation		—	—		—	—		—				
Cloudiness and other conditions				Cloudy								
Sunset: Time, Character,									5:57 Cloudy			
Moonset:									2:36p Cloudy			
Sunshine (in tenths of hours)	0.5	0	0	0	0	0						
Wind direction	E	E	E	E	NE	NE	E	E	E	E	E	E
Wind movement	14	13	11	12	13	14	13	14	15	12	10	9
Maximum velocities (exceeding 20 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	39	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .30 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .22 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.2 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 10
Prevailing wind direction, E Total wind 201
Average hourly velocity, 12 Extreme velocity, 2
Maximum velocity, 25 Direction, E
Time began, 6:25a m.
Reduced barometer, 30.21 7 a. m. 30.18 7, p. m.
River gage, 9.5 + 0.1
Relative humidity, 83 7 a. m. 72 7 p. m.

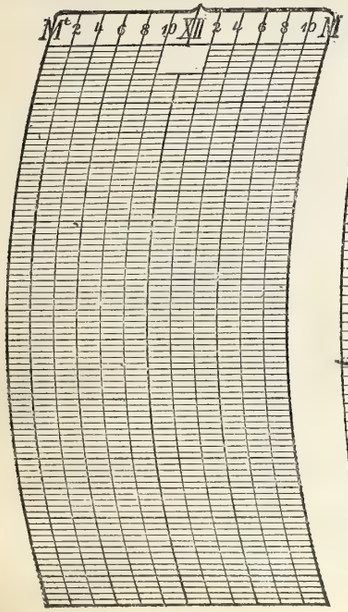
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

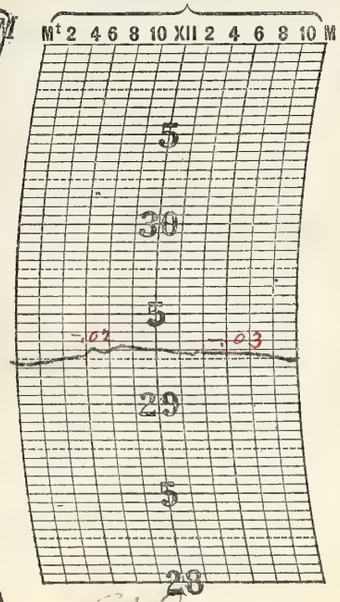
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.8 Wet temperature, 41.6
Dew-point, 39 R. humidity, 84 V. pressure, .237
Clouds: Amount, 9; Kind, St; Direction, E
Velocity of clouds (miles per hour)

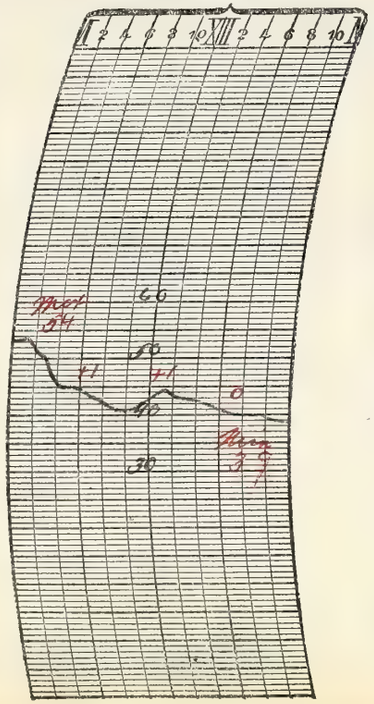
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm moving from the west and of moderate intensity began at 1:12 pm. and ended at 2:14 pm.

A cloudy day with intermittent showers & much mild temperature

Prepared by _____
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	37	37	36	39	4[illegible]	56	61	63	66	67	69	70	70	70	68	65	63	61	60	60	61	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear			→ Pt. Cldy				← Pt. Cldy				→ Clear							
Sunrise: Time, 5:36 Character, Clear																					Sunset: Time, 5:58 Character, Cloudy			
Moonrise: 4:06 a.																					Moonset: 3:22 p. Cloudy			
Sunshine (in tenths of hours)						.40 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0						
Wind direction	E	E	E	E	E	SE	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	NW
Wind movement	6	6	5	7	5	3	7	11	16	18	24	24	26	25	22	20	19	13	13	15	14	14	15	15
Maximum velocities (exceeding 20 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	35	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 11.4 Possible sunshine, hours, 12.[illegible]

Per cent of possible sunshine, 92

Prevailing wind direction, SW Total wind 345

Average hourly velocity, 14.4 Extreme velocity, 3[illegible]

Maximum velocity, 29 Direction, SW

Time began, 1:18 p.m.

Reduced barometer, 30.12 7 a. m. 29.99 7, p. m.

River gage, 9.9 Feet.

Relative humidity, 84 7 a. m. 51 7 p. m.

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

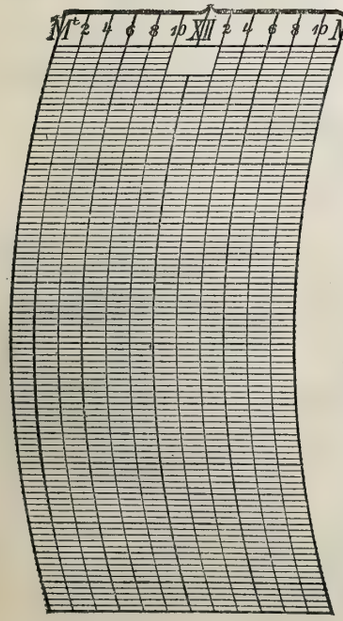
Dry temperature, 67.0 Wet temperature, 55.0

Dew-point, 45 R. humidity, 46 V. pressure, .298

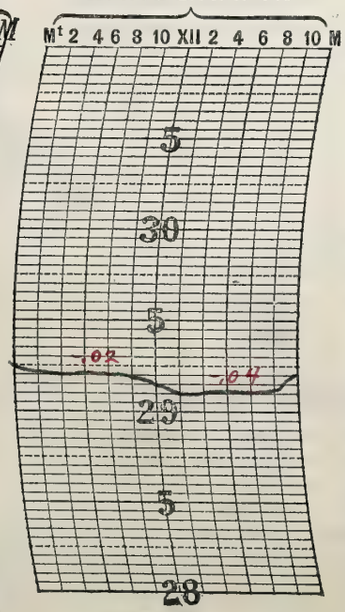
Clouds: Amount, 5; Kind, Cu St; Direction, W

Velocity of clouds (miles per hour)

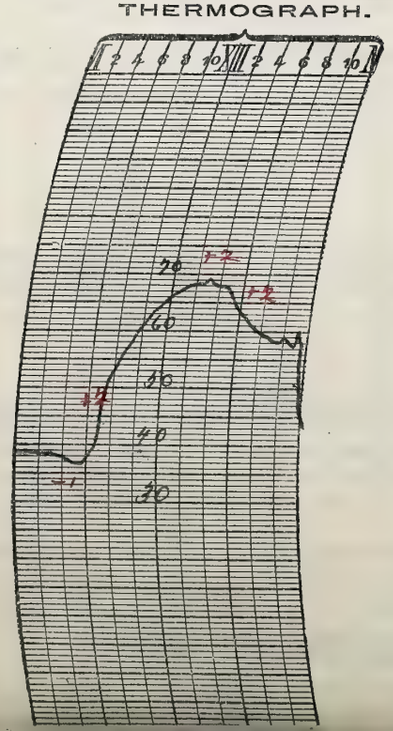
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The maximum temperature today was the highest recorded to date this year.

A clear and unseasonably warm day.

Prepared by CBS

Verified by J. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	43	43	41	40	39		38	36	35	36	37
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation			–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions									Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	N	N	N	N	N	N	N	N	NE	N	NE	NE
Wind movement	12	8	8	9	9	6	6	8	10	8	10	10
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	38	38	38	38	38	37	37	37	36	36	36
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	10	10	8	8	10	8	10	14	13	14	14	12
Maximum velocities (exceeding 25 miles) direction and time												

Sunrise: Time, 5:34 Character, Cloudy

Moonrise: 4:37a

Sunset: Time, 5:59 Character, Cloudy

Moonset: 4:28p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	45	35	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .22 ins.

Total precipitation, midnight to midnight, .40 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind 241

Average hourly velocity, 10.0 Extreme velocity, 23

Maximum velocity, 19 Direction, E

Time began, 11:27 a.m.

Reduced barometer, 30.29 7 a. m. 30.28 7 p. m.

River gage, 8.3 feet

Relative humidity, 89 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

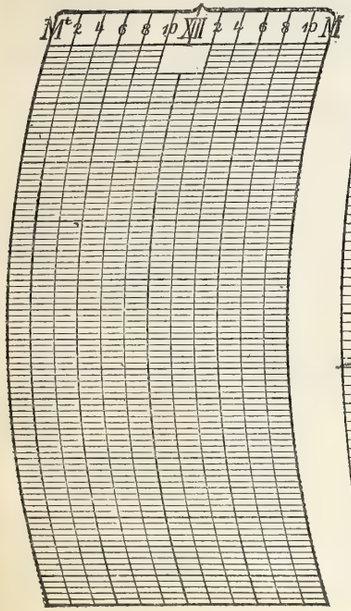
Dry temperature, 36.2 Wet temperature, 35.0

Dew-point, 33 R. humidity, 89 V. pressure, .187

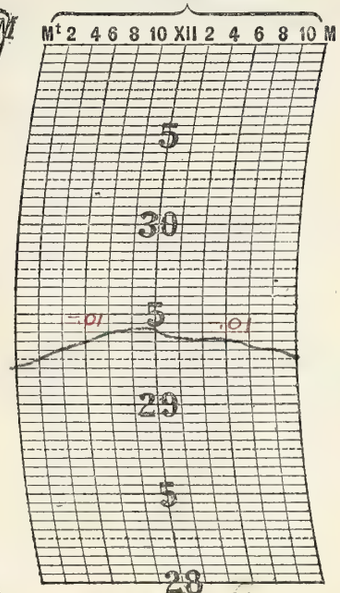
Clouds: Amount, 10; Kind, Nb; Direction, NE

Velocity of clouds (miles per hour)

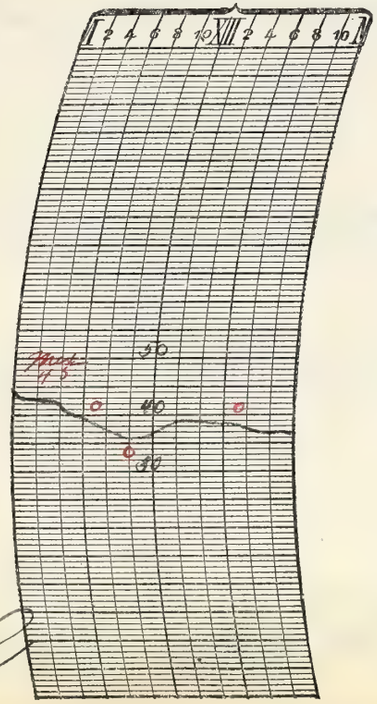
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and rainy day with moderate temperature

Prepared by _____

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). ___ mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	36	36	36	[illegible]	37	37	38	38	40
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions						←			Cloudy			
Sunrise: Time, Character,	5:33 Cloudy											
Moonrise:	5:05a —											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	NE	NE	NE	NE	NE
Wind movement	15	17	18	17	15	14	13	12	11	11	12	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	42	43	44	44	43	43	43	43	44	45
State of weather. Nature of precipitation and time of beginning and ending		RE 1:30								RB 9:41 RE 9:55		
Amounts of precipitation	—	—								—		
Cloudiness and other conditions				Cloudy						→		
Sunset: Time, Character,									6:00 Cloudy			
Moonset:									6:25p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE
Wind movement	10	9	7	6	6	3	4	4	3	3	1	2

Maximum velocities (exceeding 22 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	36	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .30 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day Cloudy Moon phase, _____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, [illegible]

Per cent of possible sunshine, 0

Prevailing wind direction, E. Total wind 222

Average hourly velocity, 9.2 Extreme velocity, 26

Maximum velocity, 24 Direction, E

Time began, 11:54 p. m.

Reduced barometer, 30.07 7 a. m. 29.94 7, p. m.

River gage, 10.3 Rise

Relative humidity, 95 7 a. m. 92 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

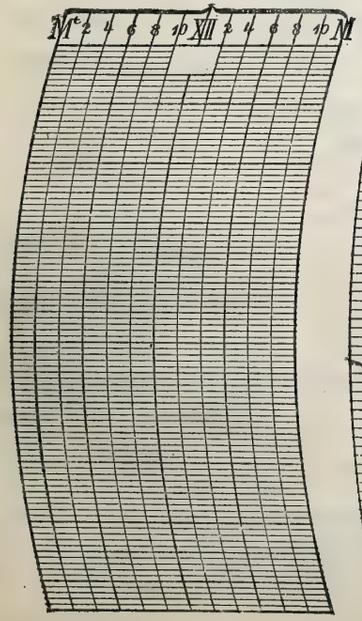
Dry temperature, 39.8 Wet temperature, 39.0

Dew-point, 38 R. humidity, 94 V. pressure, .238

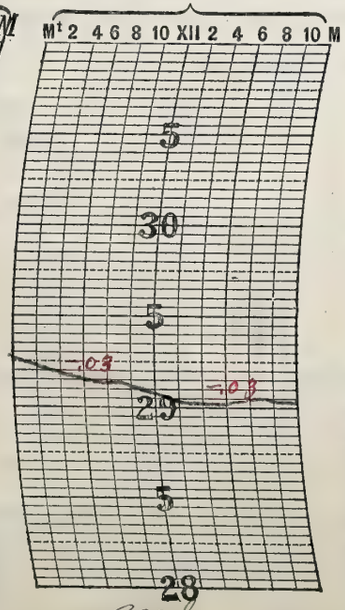
Clouds: Amount, 10; Kind, Ns; Direction, E

Velocity of clouds (miles per hour)

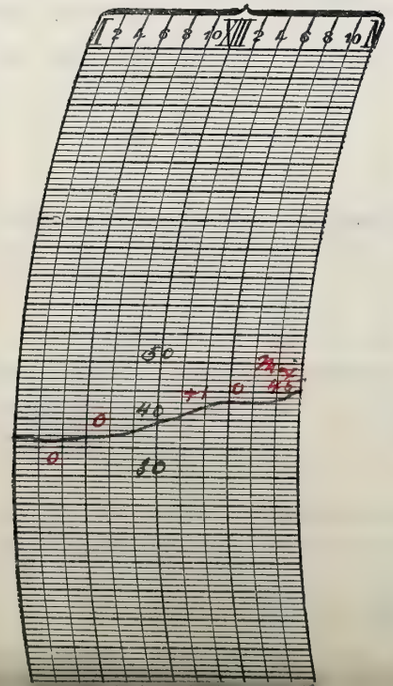
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by _____

Verified by J. M. Donough

ØEstimated.

NOTES.

A cloudy day with moderate temperatures and light rain during the morning and early afternoon hours.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	47	48	48	49	49	49	50	51	53	55	57	58	58	56	57	52	50	41	44	41	40	39	37
State of weather. Nature of precipitation and time of beginning and ending	R	B	H	E	D	N	A								RB 2:05			RE 3:50						
Amounts of precipitation	–	–	–	–			–	–							–	–		–						
Cloudiness and other conditions						←			Cloudy						Cloudy						→			

Sunrise: Time, 5:31 Character, Cloudy
Moonrise: 5:35a Cloudy

Sunset: Time, 6:01 Character, Cloudy
Moonset: 6:45p Cloudy

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)						0	0	0	0	0	0.1	0.5	1.0	0.1	0	0	0	0	0					
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	2	5	7	7	8	7	9	7	6	7	12	15	17	17	11	13	24	20	18	15	15	13	13	10
Maximum velocities (exceeding 5 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

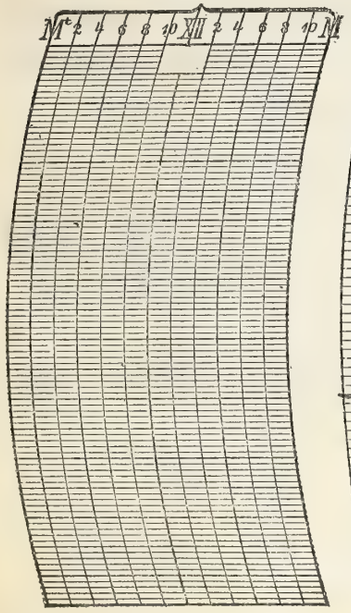
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	39	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .16 ins.
Total precipitation, midnight to midnight, .17 inches.
Character of day, Cloudy Moon phase, New 10:00 a.m.
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 4.7 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 14
Prevailing wind direction, SW Total wind 278
Average hourly velocity, [illegible] Extreme velocity, [illegible]
Maximum velocity, 31 Direction, SW
Time began, 4:19 p.m.
Reduced barometer, 29.24 7 a. m. [illegible] 7 p. m.
River gage, 13.8 feet
Relative humidity, 96 7 a. m. [illegible] 7 p. m.

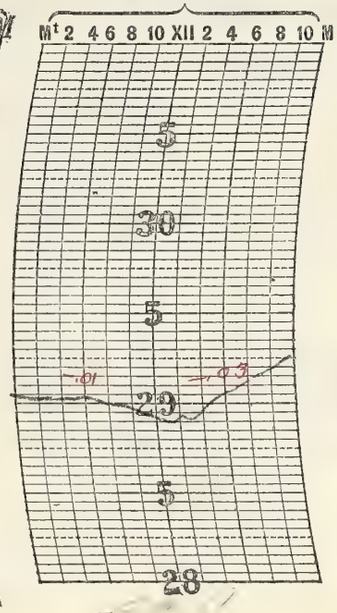
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.7 Wet temperature, 51.2
Dew-point, 48 R. humidity, 74 V. pressure, .334
Clouds: Amount, 9; Kind, Sicu.; Direction, SW
Velocity of clouds (miles per hour)

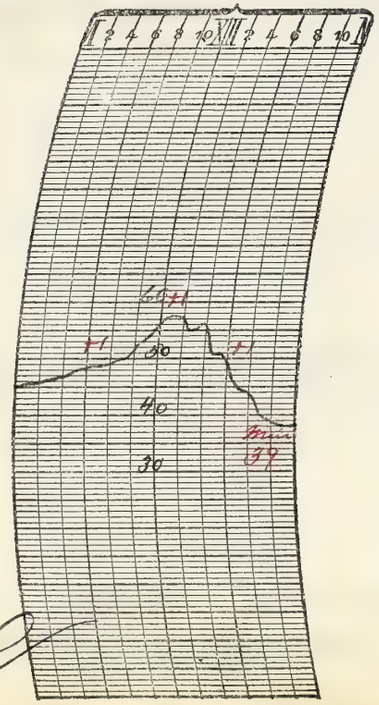
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold wave warning renewed which in regular a.m. forecast at 9:19 am.

Local inferior advised Maumee River at Fort Wayne will probably reach a stage of 15.5 feet on Wednesday.

A cloudy day with moderate temperature and occasional showers.

Prepared by _____
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	34	34	34	33	31	30	31	31	33	34	33	33	33	32	32	32	32	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending																						RB 9:45		
Amounts of precipitation																						—	—	—
Cloudiness and other conditions						←			Cloudy							Cloudy							→	
Sunrise: Time, 5:29 Character, Cloudy																								
Moonrise: 1:04a Character, Cloudy																					Sunset: Time, 6:02 Character, Cloudy			
																					Moonset: 7:02p Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	N	N	N	N	N	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	11	9	10	10	9	10	12	14	13	11	13	16	14	14	17	16	18	18	18	18	18	20	18	18
Maximum velocities (exceeding 40 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

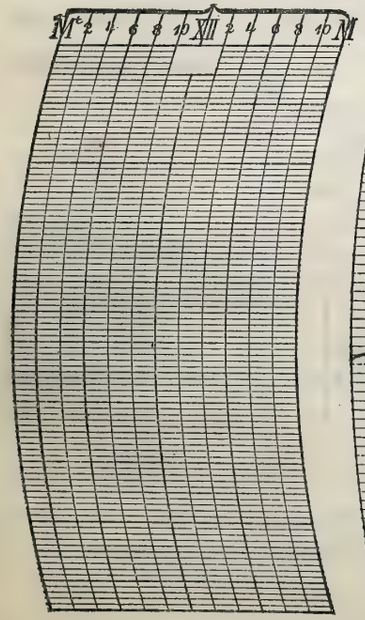
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	30	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 344
Average hourly velocity, 14.4 Extreme velocity, 24
Maximum velocity, 22 Direction, E
Time began, 9:35 pm
Reduced barometer, 30.25 7 a. m. 30.30 7, p. m.
River gage, 13.5 Feet
Relative humidity, 88 7 a. m. 83 7 p. m.

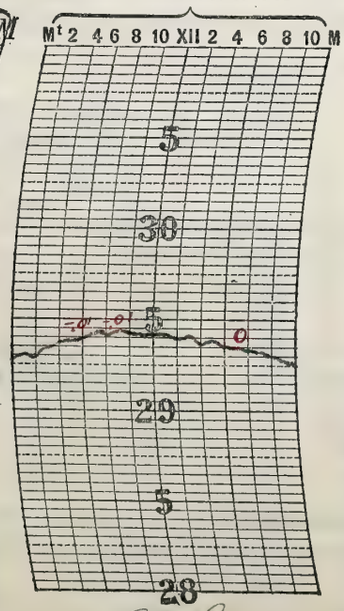
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.3 Wet temperature, 29.9
Dew-point, 26 R. humidity, 76 V. pressure, 136
Clouds: Amount, 10; Kind, Stcu; Direction, E
Velocity of clouds (miles per hour) _____

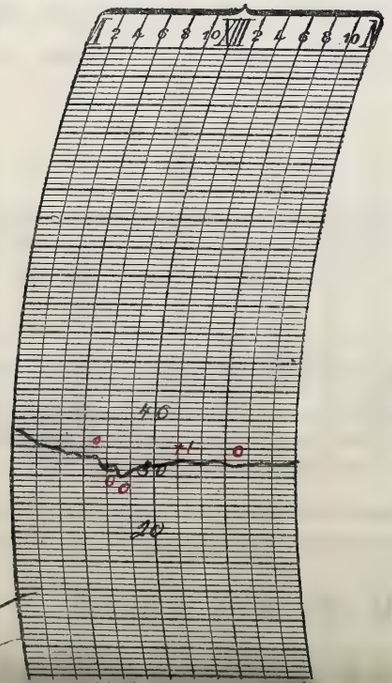
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by _____
Verified by P. McDonough

NOTES.

A cloudy day with moderate temperature.

* Estimated

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	32	32	32	33	33	33	33	34	35	35	35	35	35	37 BE 3:28	36	37	37	37	37	36	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–								
Cloudiness and other conditions							← Cloudy										Cloudy							

Sunrise: Time, 5:28; Character, Cloudy
Moonrise: 6:36a Cloudy
Sunset: Time, 6:02a; Character, Cloudy
Moonset: 8:15p Cloudy

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	NE	NE	NE	N	N	N	NW	NW	N	N	NE	NE
Wind movement	19	18	16	18	17	15	19	17	18	20	20	18	16	16	11	12	9	7	8	7	7	6	7	8
Maximum velocities (exceeding ___ miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

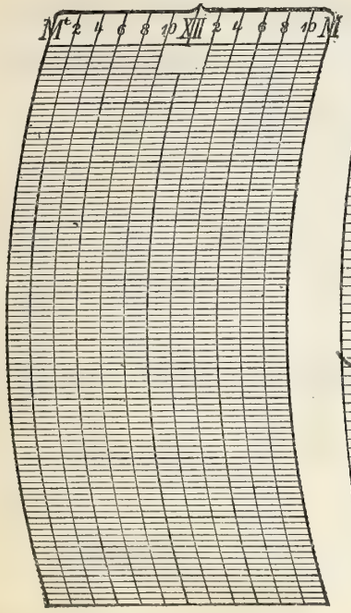
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	32	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., 1.22 ins.
Total precipitation, midnight to midnight, 1.40 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 300
Average hourly velocity, 13.7 Extreme velocity, 26
Maximum velocity, 24 Direction, E
Time began, 9:59 a.m.
Reduced barometer, 30.[illegible] 7 a. m. 30.[illegible] 7 p. m.
River gage, 12.4 Feet
Relative humidity, [illegible] 7 a. m. [illegible] 7 p. m.

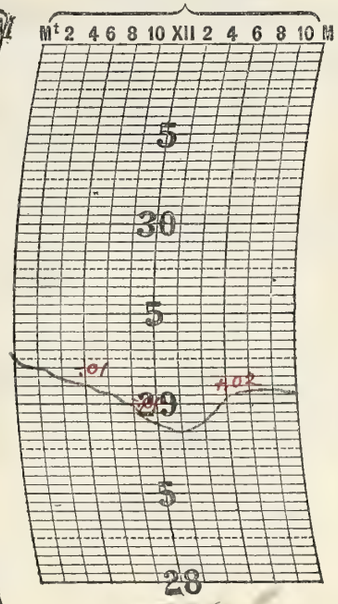
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.0 Wet temperature, 34.7
Dew-point, 34 R. humidity, 97 V. pressure, .195
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour) _____

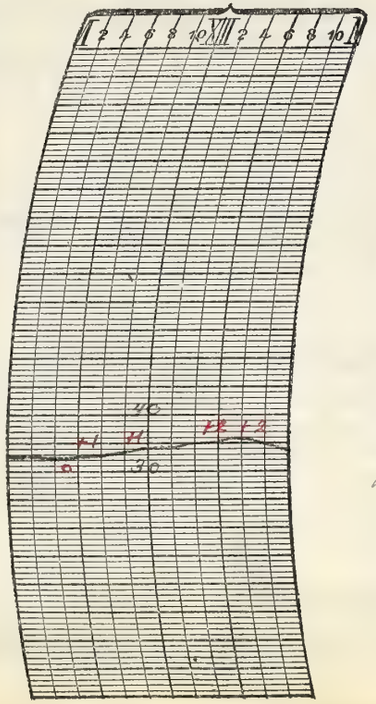
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by _____
Verified by T. M. Downing

8—486

NOTES.

River stage at 10:00 a.m. = 12.7 Feet
Special 12:00 Mean (75th Meridian Time) observation called for by the Central Office.
The following river bulletin was issued at the newspapers at 11:30 a.m.
The river stage at 10 a.m. was 12.7 feet. The rainfall thus far is just about enough to carry the river to 15.0 feet, but in connection with the general rains which are attending a storm that is moving from the Lower Northwestern, it is expected that the additional rain that is likely to occur over the Missouri basin will result in a stage of 17.0 feet or higher by Friday the 25th.
River stage at 4:00 pm. 16.3 feet rising
A cloudy day with moderate temperatures, and rain until the middle of the afternoon

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	33	33	34	34	34	34	35	35	35
State of weather. Nature of precipitation and time of beginning and ending		RB+E 1:00						RD 7:50		HE 9:20	RB 10:10	
Amounts of precipitation	—	—	—					—	—	—	—	—
Cloudiness and other conditions						←		Cloudy				
Sunrise: Time, Character,	5:26a Cloudy											
Moonrise:	7:11a Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	E	E	E	E	NE	NE	NE	NE
Wind movement	9	9	11	12	14	14	17	18	21	22	19	20
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	34	34	33	32	32	32	31	30	30
State of weather. Nature of precipitation and time of beginning and ending						RE 5:20 SmB 5:20			SmE 9:00			
Amounts of precipitation	—	—	—	—	—	—	—	—	—			
Cloudiness and other conditions						Cloudy						
Sunset: Time, Character,									6:04 Cloudy			
Moonset:									9:11a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	N	NW	NW	NW	NW	NW	NW
Wind movement	16	18	19	19	14	12	15	17	16	17	18	14
Maximum velocities (exceeding 22 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	30	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 01 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .37 ins.

Total precipitation, midnight to midnight, .37 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.6

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind 381

Average hourly velocity, 15.9 Extreme velocity, 31

Maximum velocity, 28 Direction, NE

Time began, 8:57 a.m.

Reduced barometer, 29.80 7 a. m. 29.85 7, p. m.

River gage, 18.4 Feet (rising)

Relative humidity, 94 7 a. m. 95 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

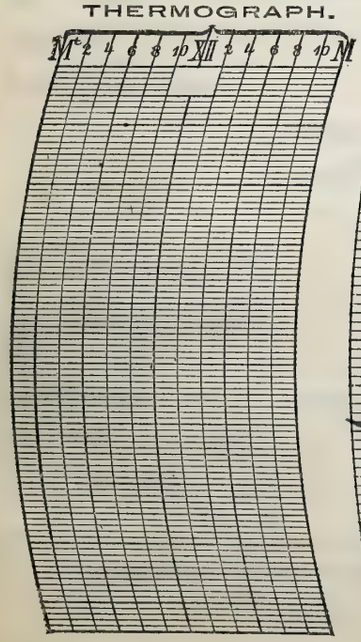
Dry temperature, 35.0 Wet temperature, 34.7

Dew-point, 34 R. humidity, 97 V. pressure, .195

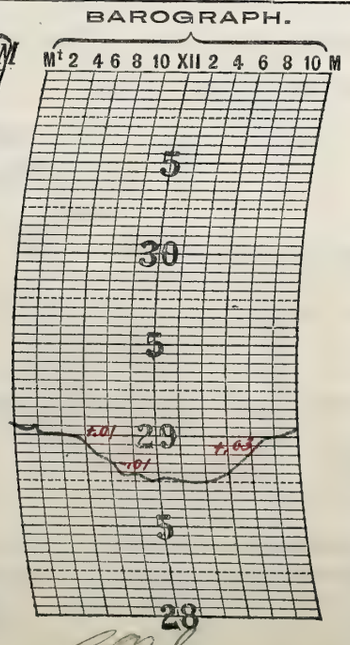
Clouds: Amount, 10; Kind, Nb; Direction, NE

Velocity of clouds (miles per hour) _____

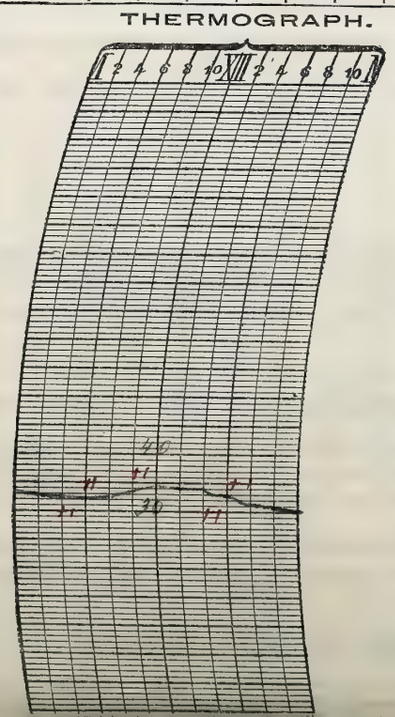
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by _____

Verified by T. M. Dunnavan

NOTES.

Special 12:00 Noon (75th Meridian Time) observation called for by the Central Office.

The following river bulletin was issued at 9:30 a.m.: At 7:00 a.m. the stage of the Maumee River at Fort Wayne was 18.4 feet. The amount of rain that has already fallen over the upper Maumee basin is sufficient to carry the river to 19.5 feet before Saturday morning. As existing conditions indicate additional precipitation during the next 12 hours, it is suggested that protective measures be taken to guard against a stage of 20.5 feet, as the river will probably reach that height by Saturday night.

A cloudy and remarkably cold day with rain which turned to snow in the late afternoon.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	29	30	30	31	31	32	34	35	36	39	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy		Pl. Cldy			Clear	
Sunrise: Time, Character, 5:24 Cloudy												
Moonrise: 7:50a Cloudy												
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	15	14	16	14	16	8	7	10	12	13	15	13
Maximum velocities (exceeding 10 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	47	47	47	46	45	43	41	40	38	37	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pl. Cldy				Clear					
Sunset: Time, Character, 6:06 Clear												
Moonset: 10:12p Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3	0.7 .10 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NE
Wind movement	14	15	16	16	14	10	7	8	8	6	4	4
Maximum velocities (exceeding 10 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	29	38	

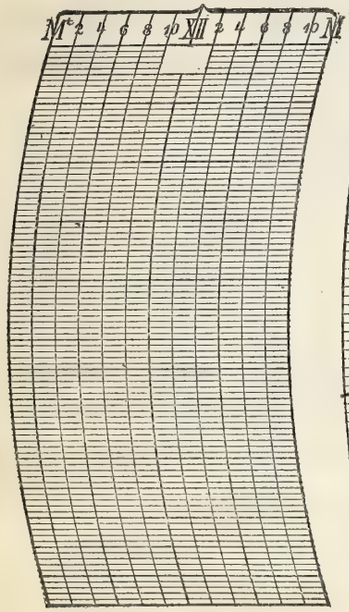
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pl. Cloudy Moon phase, ...
Average daily cloudiness (0–10), ...
Actual sunshine, hours, 11.5 Possible sunshine, hours, 12.5
Per cent of possible sunshine, ...
Prevailing wind direction, NW Total wind 245
Average hourly velocity, 10.5 Extreme velocity, ...
Maximum velocity, 21 Direction, NW
Time began, 2:48 am
Reduced barometer, 30.24 7 a. m. 30.28 7 p. m.
River gage, 12.4 Feet (Falling)
Relative humidity, 79 7 a. m. ..... 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

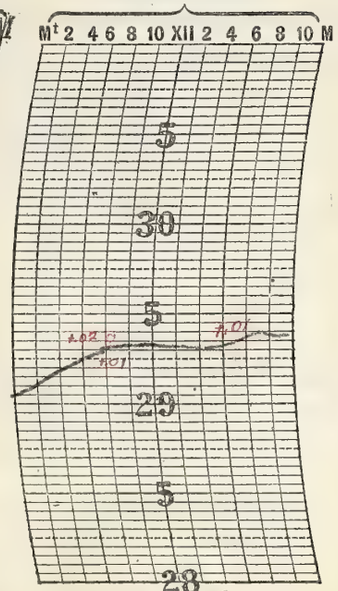
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.7 Wet temperature, 36.0
Dew-point, 28 R. humidity, 57 V. pressure, 15.0
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour) .....

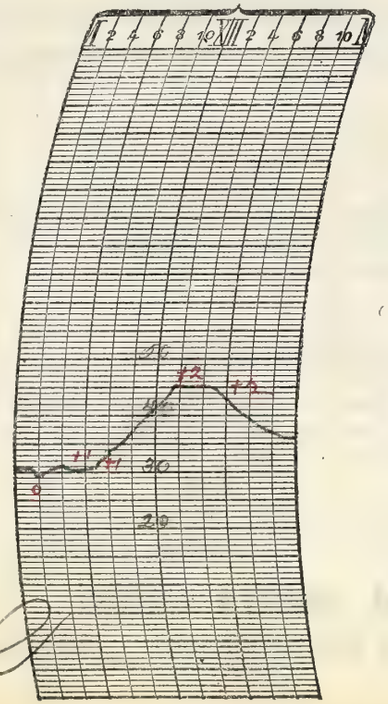
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The crest stage of the river was apparently reached during the night of the 31st & 1st.

A frosty cloudy and pleasant day.

Prepared by .....

Verified by T. M. Dunwoody

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Sunday, (Date) APR 2 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	35	35	35	34	36	38	38	43	45	47	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)						0	0	0	0.4	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	SE	SE	SE
Wind movement	3	1	3	1	3	3	1	2	2	5	4	6
Maximum velocities (exceeding 40 miles) direction and time												

Sunrise: Time, 5:23; Character, Cloudy. Moonrise: 8:32a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	52	53	51	47	50	[illegible]	43	46	46	45	45
State of weather: Nature of precipitation and time of beginning and ending				RB 3:00 R- 3:10								
Amounts of precipitation				T								
Cloudiness and other conditions				Cloudy				Cl.				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0.2	0	0					
Wind direction	SE	S	SE	SE	SE	SE	SE	SE	SE	SE	E	SE
Wind movement	5	8	5	6	7	4	3	6	5	5	3	3
Maximum velocities (exceeding 40 miles) direction and time												

Sunset: Time, 6:07; Character, Cloudy. Moonset: 11:11p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	33	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.2 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 57
Prevailing wind direction, SE Total wind 100
Average hourly velocity, 4.1 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 11:04 am
Reduced barometer, 30.39 7 a. m. 30.23 7 p. m.
River gage, 19.1 Fee
Relative humidity, 66 7 a. m. 52 7 p. m.

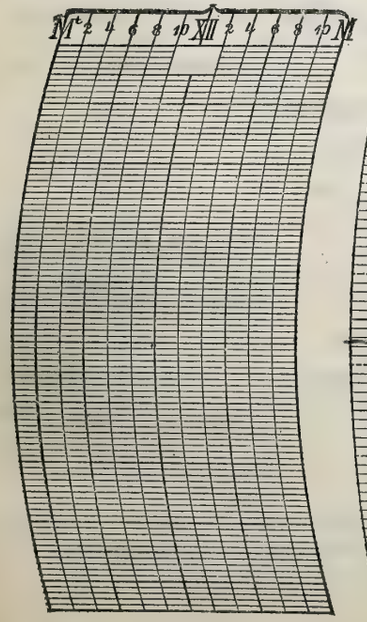
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

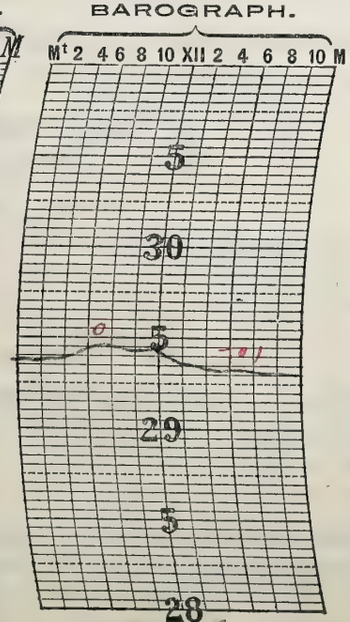
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 47.7 Wet temperature, 39.7
Dew-point, 29 R. humidity, 48 V. pressure, 15.7
Clouds: Amount, 8; Kind, A St; Direction, NW
Velocity of clouds (miles per hour)

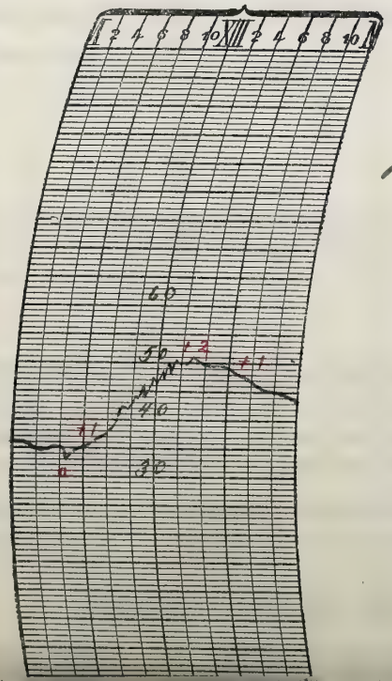
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures and a light sprinkle of rain about the middle of the afternoon.

Prepared by _____

Verified by F. M. Dorrell

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Monday, (Date) APR - 3 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	43	43	43	43	43	43	43	44	46	50	54
State of weather: Nature of precipitation and time of beginning and ending									RB 8:20	RE 9:12		
Amounts of precipitation									—	—		
Cloudiness and other conditions						←			Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	1.0
Wind direction	SE	E	E	E	E	E	E	E	SE	SE	SE	SE
Wind movement	4	6	4	6	6	5	4	5	5	5	6	4
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	56	55	55	55	54	53	51	50	49	49
State of weather: Nature of precipitation and time of beginning and ending				RB 3:45	RE 4:30			RB 7:45				
Amounts of precipitation				—	—			—	—	—	—	—
Cloudiness and other conditions					←		Cloudy				→	
Sunshine (in tenths of hours)	0.7	0	0	0	0	0	0					
Wind direction	S	E	E	SE	E	E	SE	NE	NE	NE	NE	E
Wind movement	3	5	5	5	4	4	4	4	4	6	3	2
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 5:21 Character, Cloudy
Moonrise: 9:22a Cloudy
Sunset: Time, 6:08 Character, Cloudy
Moonset: — —

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	43	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T.06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 1.7 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 13
Prevailing wind direction, E Total wind 112
Average hourly velocity, 4.7 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 2:45 a.m.
Reduced barometer, 30.23 7 a. m. 30.06 7 p. m.
River gage, 18.4 Fall
Relative humidity, 70 7 a. m. 70 7 p. m.

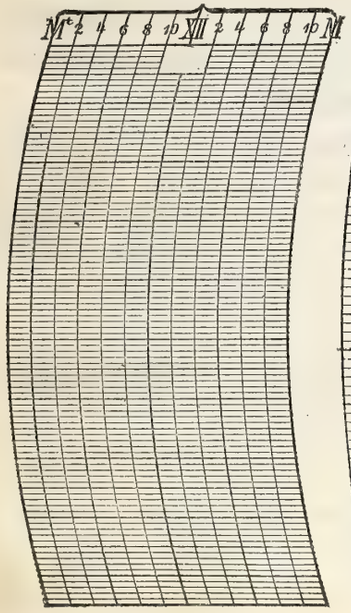
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

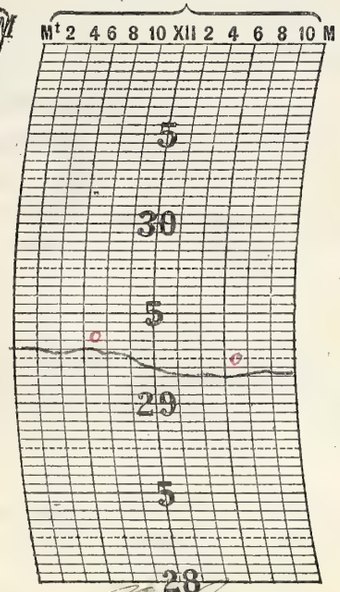
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.0 Wet temperature, 46.3
Dew-point, 39 R. humidity, 56 V. pressure, .237
Clouds: Amount, 9; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

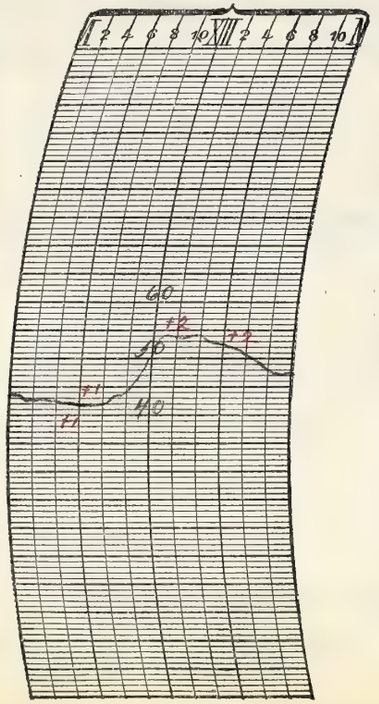
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Estimated

NOTES.

A cloudy day with moderate temperatures and occasional showers.

Prepared by
Verified by P. McDonough

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Tuesday, (Date) AUG - 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	48	48	48	48	48	48	48	49	51	55	56
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	—	—	—	—	—	—						
Cloudiness and other conditions									Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0.4	0.7	1.0
Wind direction	NE	NE	N	W	NW	N	N	NE	NE	NE	NE	NE
Wind movement	1	2	3	3	4	3	4	5	5	3	5	4

Sunrise: Time, 5:19 Character, Cloudy
Moonrise: 10:17a Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	60	59	59	58	57	55	52	52	48	46	44
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy				Pt Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0.5	0					
Wind direction	NE	E	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	5	5	5	7	6	7	7	7	8	13	16	16

Sunset: Time, 6:09 Character, Cloudy
Moonset: 12:05a

Maximum velocities (exceeding 40 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

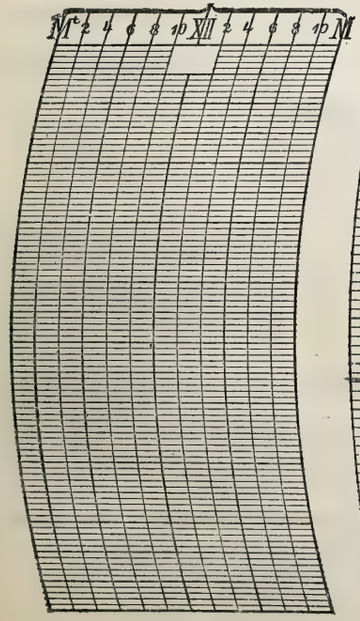
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 13 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.07 inches.
Character of day, Cloudy Moon phase, F.Q. 4:46 p.m.
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.5 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 52
Prevailing wind direction, NE Total wind 144
Average hourly velocity, 6.0 Extreme velocity, 2
Maximum velocity, 18 Direction, E
Time began, 11:05 p.m.
Reduced barometer, 30.13 7 a. m. 30.14 7, p. m.
River gage, 17.6 Feet (Falling)
Relative humidity, 93 7 a. m. 7 p. m.

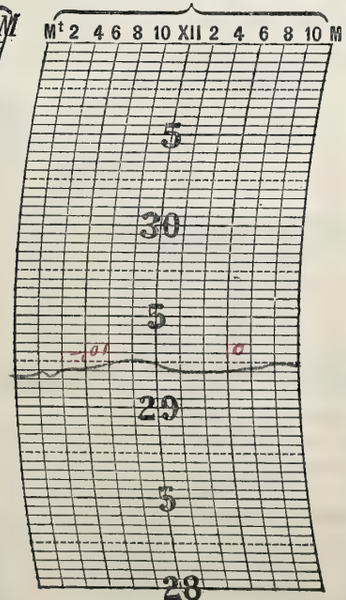
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.0 Wet temperature, 50.5
Dew-point, 47 R. humidity, 74 V. pressure, 32.2
Clouds: Amount, 8; Kind, Cu; Direction, SE
Velocity of clouds (miles per hour)

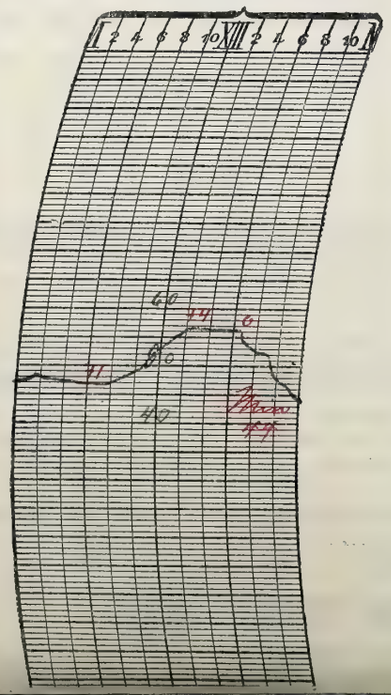
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by CCS.
Verified by P. McDonough

NOTES.

A cloudy day with mild temperatures.
A very faint lunar halo of 22 radius was observed from 8:20 p.m., until 9:00 p.m.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Wednesday, (Date) APR 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	41	39	39	39	40	45	48	52	55	58	58	56	55	53	51	50	48	47	46	45	45
State of weather. Nature of precipitation and time of beginning and ending																			RB 6:17		RE 8:28			
Amounts of precipitation																								
Cloudiness and other conditions						←			Cloudy							Cloudy								→
Sunrise: Time, 5:17 Character, Cloudy																					Sunset: Time, 6:16 Character, Cloudy			
Moonrise: 11:17 a Cloudy																					Moonset: 12:56 a			
Sunshine (in tenths of hours)						0	0	0	0.8	1.0	1.0	1.0	1.0	0.8	0.8	0.9	0	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	14	15	16	14	15	16	16	14	18	14	15	14	17	14	14	13	14	14	14	15	15	13	12	8
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	39	48	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 7.3 Possible sunshine, hours, 10.3

Per cent of possible sunshine, 57

Prevailing wind direction, E Total wind 846

Average hourly velocity, 14.4 Extreme velocity, 24

Maximum velocity, 21 Direction, E

Time began, 7:19 p.m.

Reduced barometer, 30.13 7 a. m. 30.05 7 p. m.

River gage, 15.7 falling (Feet)

Relative humidity, 85 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

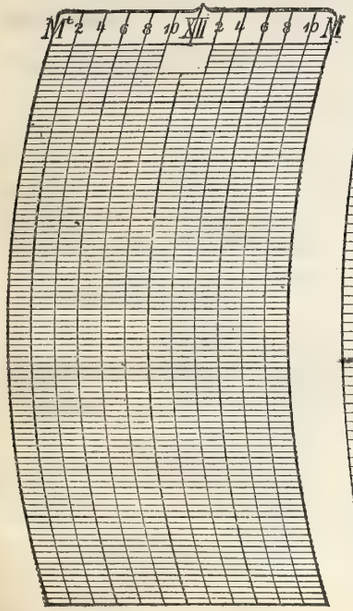
Dry temperature, 53.0 Wet temperature, 49.0

Dew-point, 45 R. humidity, 75 V. pressure, .298

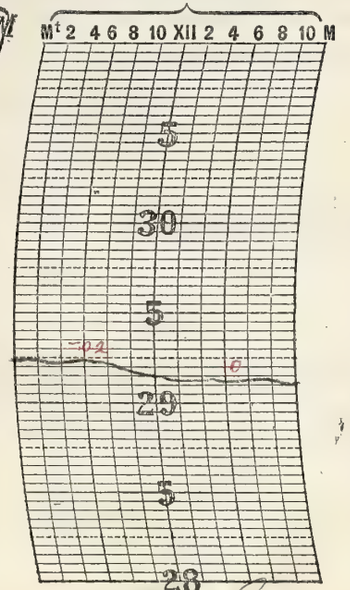
Clouds: Amount, 7; Kind, AST; Direction, W

Velocity of clouds (miles per hour) _____

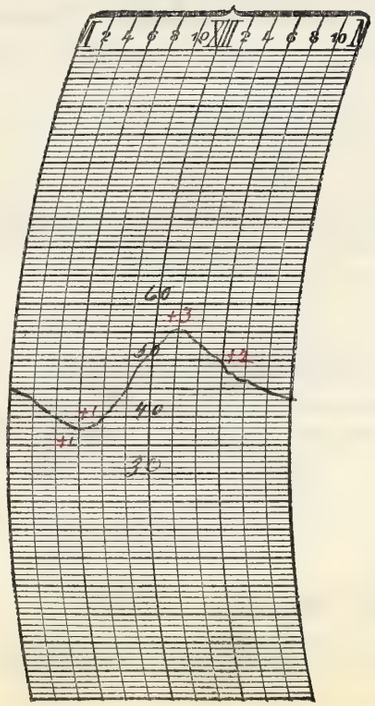
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with temperatures which moderated toward evening.

Prepared by _____

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Thursday, (Date) APR 6 1922, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	45	45	46	46	44	52	58	60	62	64	65	68	69	69	68	67	67	64	64	62	61	61
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Cloudy				→ Pl Cldy →			Cloudy PC →		Clear				→		
Sunrise: Time, 5:16 Character, Cloudy																					Sunset: Time, 6:11 Character, Cloudy			
Moonrise: 12:23p Cloudy																					Moonset: 1:42a			
Sunshine (in tenths of hours)						0	0	0	0.6	0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.5	0					
Wind direction	E	E	E	E	E	E	E	E	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	8	7	9	8	5	5	6	5	7	10	9	12	14	12	11	11	9	9	7	6	7	7	9	7
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	44	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pl. Cloudy Moon phase, _____

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 8.4 Possible sunshine, hours, 12.9

Per cent of possible sunshine, 65

Prevailing wind direction, SW Total wind 255

Average hourly velocity, 8.3 Extreme velocity, 4

Maximum velocity, 15 Direction, S

Time began, 12:32 pm.

Reduced barometer, 30.01 7 a. m. 29.97 7 p. m.

River gage, 12.4 Feet Falling

Relative humidity, 93 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

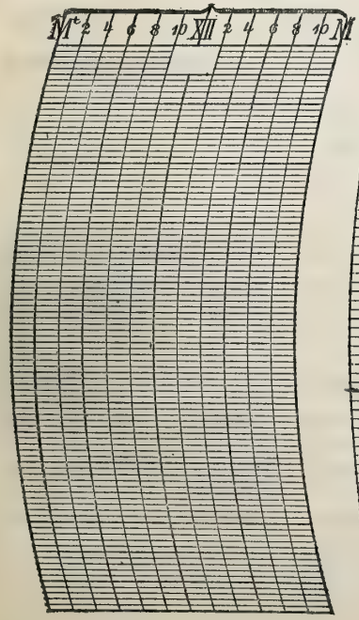
Dry temperature, 62.0 Wet temperature, 58.0

Dew-point, 55 R. humidity, 79 V. pressure, .432

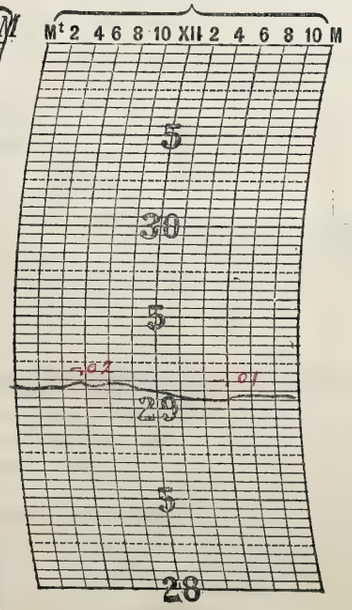
Clouds: Amount, 9; Kind, St. Cu.; Direction, SW.

Velocity of clouds (miles per hour)

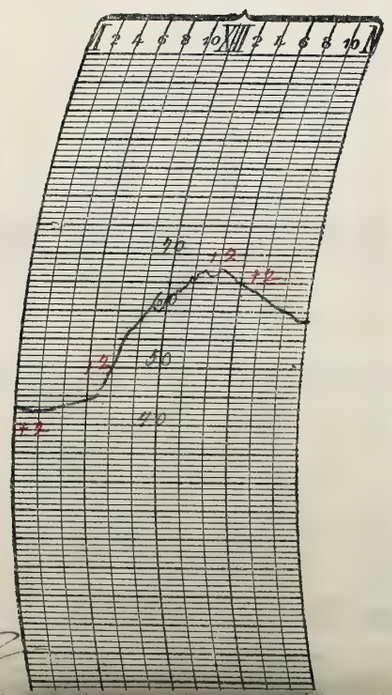
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy and warm and very pleasant day.
St. Hog began 7:45 a.m.
St. Hog ended 10:30 a.m.

Prepared by _____

Verified by C. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Friday, (Date) APR 7, 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	59	59	59	60	61	69	73	73	75	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←			Cloudy			
Sunrise: Time, Character, 5:14 Cloudy												
Moonrise: 1:32p Cloudy												
Sunshine (in tenths of hours)						0	0	0.6	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	9	10	10	10	11	13	15	19	21	23
Maximum velocities (exceeding 27 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	66	66	66	65	65	63	60	60	59	59
State of weather: Nature of precipitation and time of beginning and ending	RB 12:01 AE 12:04 RB 12:40	AE 1:55										
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					→
Sunset: Time, Character, 6:12 Cloudy												
Moonset: 2:27a												
Sunshine (in tenths of hours)	0.4	0	0.2	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	NW	NW	SW	SW	SW	SW	SW
Wind movement	25	18	20	19	15	7	5	4	6	9	8	9
Maximum velocities (exceeding 27 miles) direction and time	44 SW 12:55											

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	58	66	

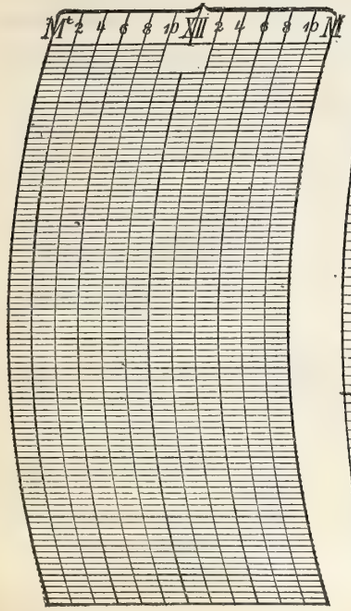
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.2 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 40
Prevailing wind direction, SW Total wind 390.6
Average hourly velocity, 12.8 Extreme velocity, 50
Maximum velocity, 44 Direction, SW
Time began, 12:55 p.m.
Reduced barometer, 29.90 7 a. m. 29.79 7 p. m.
River gage, 2.5 Feet (falling)
Relative humidity, 81 7 a. m. 76 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

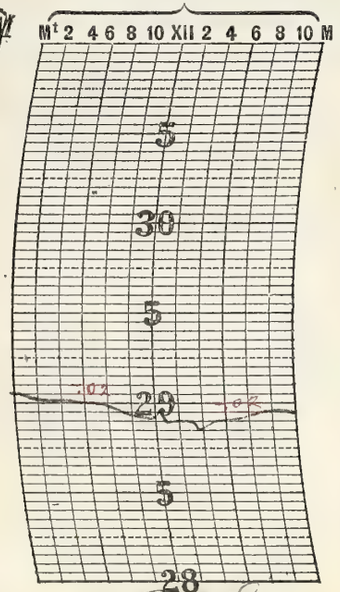
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.4 Wet temperature, 64.3
Dew-point, 57 R. humidity, 58 V. pressure, .499
Clouds: Amount, 9; Kind, Cu AST; Direction, SW
Velocity of clouds (miles per hour) _____

THERMOGRAPH.



BAROGRAPH.



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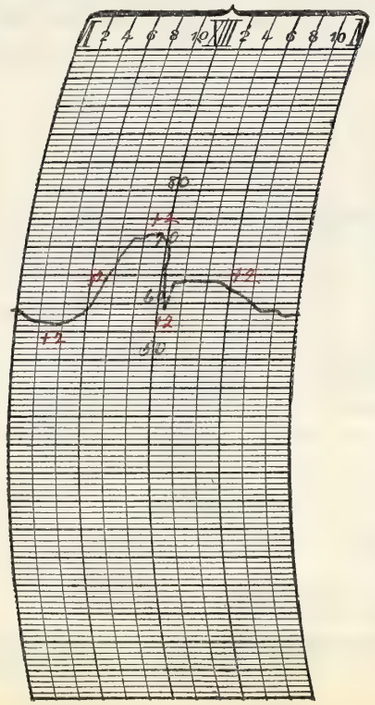


NOTES.

A cloudy day with mild temperatures.

Prepared by _____
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Saturday, (Date) APR 2 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	59	58	59	59	59	60	63	65	67	70
State of weather: Nature of precipitation and time of beginning and ending			RB+E	DNH				RB 3:20 AE 7:45				
Amounts of precipitation			—	—	—			—				
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)						0	0	0	0.2	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW
Wind movement	9	11	6	5	8	7	10	9	9	10	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	69	68	68	67	66	65	65	65	68	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0	0	0					
Wind direction	SW	SW	S	S	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	16	14	16	10	4	4	6	7	9	6	11	11

Sunrise: Time, 5:13 Character, Cloudy
Moonrise: 2:43 p Cloudy

Sunset: Time, 6:13 Character, Cloudy
Moonset: 3:08 a —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

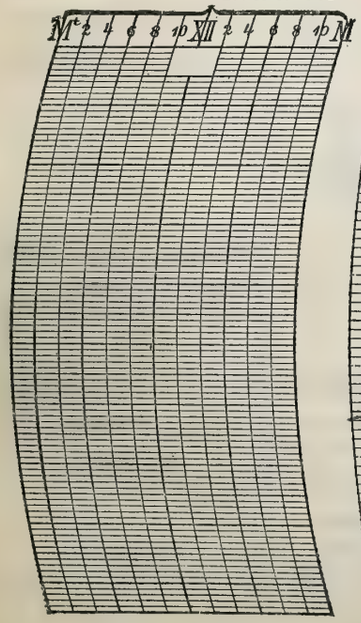
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	58	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 46
Prevailing wind direction, SW Total wind 217
Average hourly velocity, 9.0 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 12:57 p.m.
Reduced barometer, 29.89 7 a. m. 29.80 7 p. m.
River gage, 7.7 Feet (Falling)
Relative humidity, 94 7 a. m. 82 7 p. m.

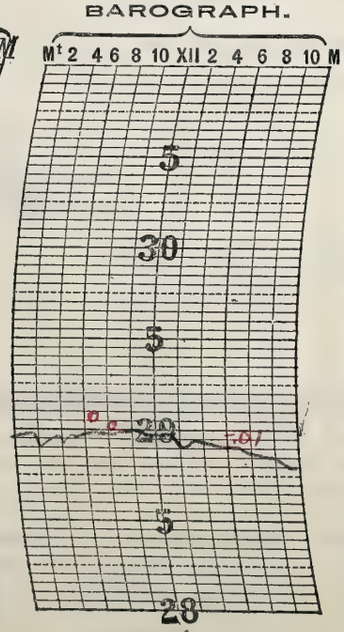
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.1 Wet temperature, 62.3
Dew-point, 58 R. humidity, 69 V. pressure, .482
Clouds: Amount, 9; Kind, St Cu; Direction, SW
Velocity of clouds (miles per hour)

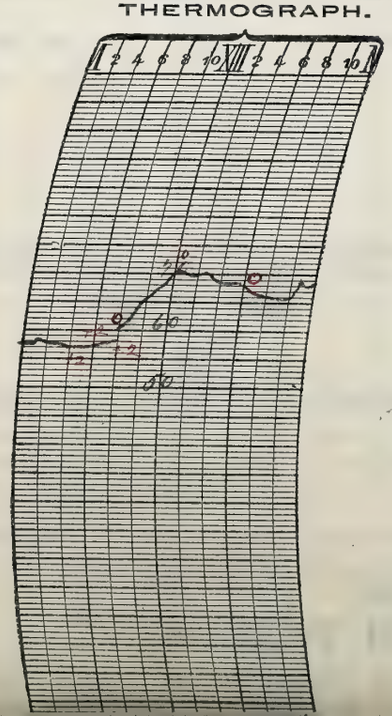
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures.

Prepared by _____
Verified by C. M. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Sunday, (Date) APR - 9 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	67	64	63	61	61	62	64	66	68	70
State of weather: Nature of precipitation and time of beginning and ending		RB DNA		RE DNA								
Amounts of precipitation		.01	.01	.01								
Cloudiness and other conditions						Clear	Clear	Clear	Cl.	Pt. Cloudy		
Sunrise: Time, Character, 5:11 Clear												
Moonrise: 3:55p Clear												
Sunshine (in tenths of hours)						.72 0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	17	19	27	24	19	20	25	25	28	29	32
Maximum velocities (exceeding 29 miles) direction and time				37 S 9:00						33 SW 9:53	33 SW 10:04	38 SW 11:48

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	73	75	74	74	72	70	67	65	66	64	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunset: Time, Character, 6:14 Clear												
Moonset: 3:42a												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.9	.23 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	30	32	29	27	21	18	12	11	12	14	15	14
Maximum velocities (exceeding 29 miles) direction and time	35 SW 12:33	39 SW 1:07	35 SW 2:08	37 SW 3:30								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	60	68	

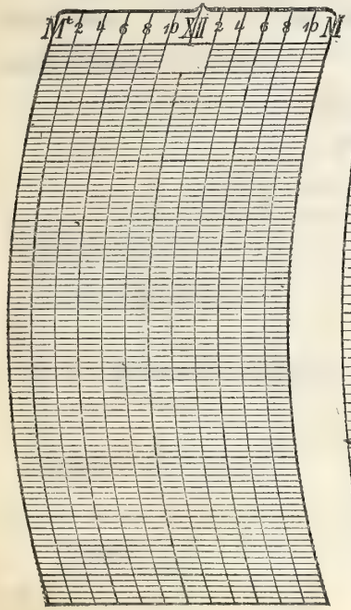
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.3 inches.
Character of day, Pt. Cloudy Moon phase, _____
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 513
Average hourly velocity, 21.4 Extreme velocity, 44
Maximum velocity, 59 Direction, SW
Time began, 1:07 pm
Reduced barometer, 29.64 7 a. m. 29.64 7 p. m.
River gage, 8.7 Feet
Relative humidity, 79 7 a. m. 47 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.0 Wet temperature, 58.0
Dew-point, 50 R. humidity, 51 V. pressure, .36.0
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour) _____

THERMOGRAPH.



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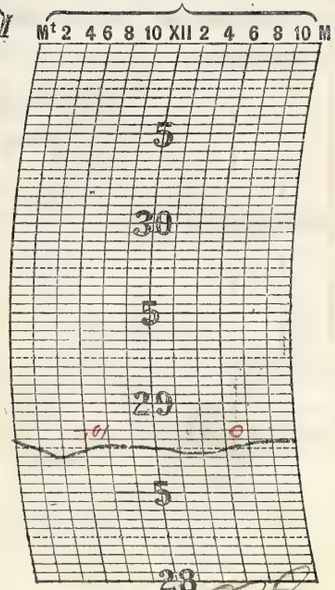

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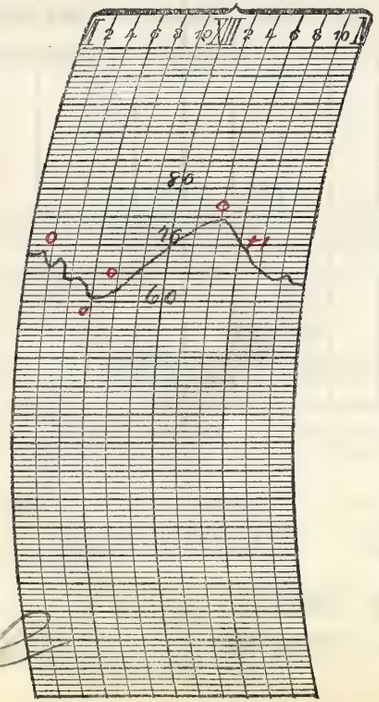


NOTES.

A partly cloudy and warm day with an abundance of bright sunshine

Prepared by _____
Verified by _____

8—486

Form No. 1012—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Monday, (Date) APR 1 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	62	61	60	61	65	65	70	73	75	77	78	76	66	65	63	62	62	62	61	61	62	62
State of weather: Nature of precipitation and time of beginning and ending														RB 1:07	RE 2:09 RHB 2:09 RHE 2:11 P RB 2:30				RE 6:10			RB 9:10		
Amounts of precipitation														T	.03	.21	.06	.04	T			.05	.11	.20
Cloudiness and other conditions						← Clear																		
Sunshine (in tenths of hours)						.55 0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	E	E	E	E	E	E	E
Wind movement	16	19	20	16	11	12	10	11	16	15	16	18	15	11	10	27	11	4	6	8	10	10	10	7
Maximum velocities (exceeding 22 miles) direction and time																33 3:22								

Sunrise: Time, 5:09 Character, Clear
Moonrise: 5:08p Cloudy

Sunset: Time, 6:15 Character, Cloudy
Moonset: 4:24a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	60	69	

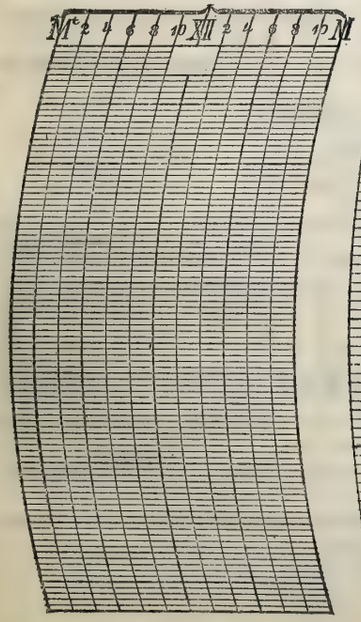
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .36 ins.
Total precipitation, midnight to midnight, .72 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.2 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 63
Prevailing wind direction, SW Total wind 309
Average hourly velocity, 12.9 Extreme velocity, 37
Maximum velocity, 33 Direction, S
Time began, 3:22 p.m.
Reduced barometer, 29.75 7 a. m. 29.59 7, p. m.
River gage, 8.3 Feet (rising).
Relative humidity, 81 7 a. m. 90 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

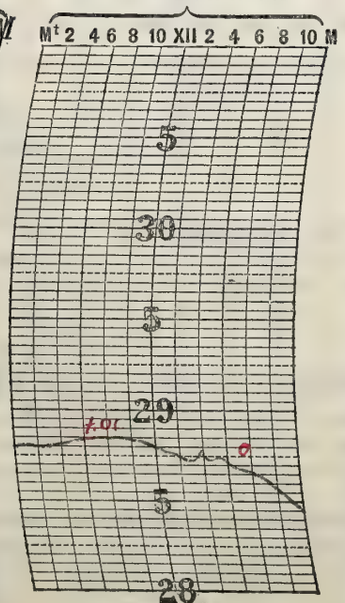
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 76.9 Wet temperature, 66.4
Dew-point, 61 R. humidity, 58 V. pressure, .536
Clouds: Amount, 8; Kind, Cu Ast; Direction, SW
Velocity of clouds (miles per hour) _____

THERMOGRAPH.



BAROGRAPH.



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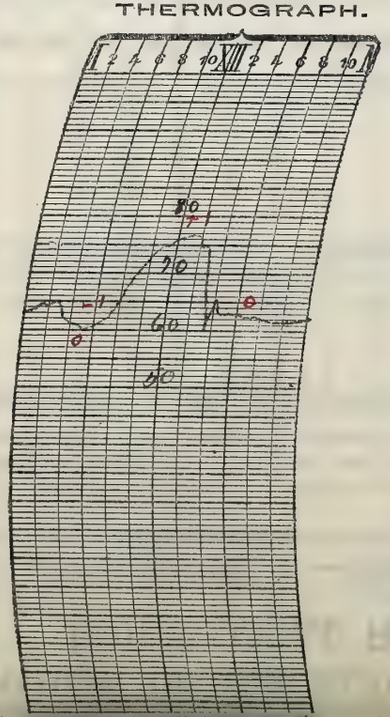


NOTES.

Thunderstorm morning from the southwest and light in character began at 2:12 pm and ended at 6:10 pm.
A cloudy day with somewhat high temperatures and showers.
A thunderstorm of mild intensity moving from the southwest and accompanied by moderate rainfall began at 10:05 pm and continued after midnight.

Prepared by _____
Verified by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Tuesday, (Date) APR 11 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	62	61	58	56	56	56	50	47	52	47	50
Nature of precipitation and time of beginning and ending					RE 4:40		RB 6:53		RE 8:55		RB 10:40	
Amounts of precipitation	.16	.14	.07	.03	T		T	.08	.09		.01	.02
Cloudiness and other conditions									Cloudy			
Sunshine (in tenths of hours)						0	0.1	0	0.1	0.5	0.3	0.2
Wind direction	E	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	19	11	22	19	17	19	18	22	24	27	31
Maximum velocities (exceeding 27 miles) direction and time				32 SW 3:12					37 SW 8:46		40 SW 10:55	38 SW 11:04

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	49	47	46	42	43	43	43	41	39	38	38
Nature of precipitation and time of beginning and ending		RE 1:25 RB 1:55					RE 6:15 RB 6:53					RE DWP
Amounts of precipitation	.01	02	.05	T	T	.01	T	T	.01	T	T	.01
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0.2	0.2	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	35	31	32	33	32	28	27	26	27	25	23	23
Maximum velocities (exceeding 27 miles) direction and time	42 SW 1:46	37 SW 1:04	40 SW 2:54	40 SW 3:29	36 SW 4:51	32 SW 5:46	34 SW 6:05		31 W 8:30	32 W 9:02		

Sunrise: Time, 5:08 Character, Cloudy
Moonrise: 6:20p Cloudy

Sunset: Time, 6:16 Character, Cloudy
Moonset: 5:02a Cloudy

State of weather.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	37	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .26 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Cloudy. Moon phase, Fr. 11:2:44p
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.6 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 12
Prevailing wind direction, SW Total wind 581
Average hourly velocity, 24.2 Extreme velocity, 48
Maximum velocity, 47 Direction, SW
Time began, 1:46 p.m.
Reduced barometer, 29.17 7 a. m. 29.40 7, p. m.
River gage, 12.4 Feet (Ris. 1.2)
Relative humidity, 77 7 a. m. 55 7 p. m.

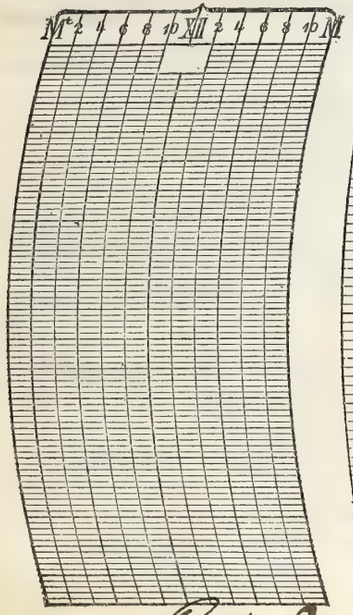
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

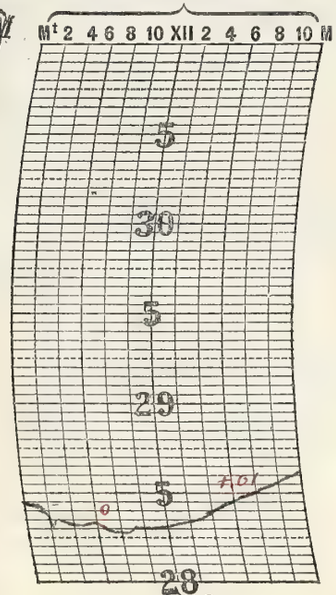
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.2 Wet temperature, 45.8
Dew-point, 42 R. humidity, 78 V. pressure, .26 C
Clouds: Amount, 10; Kind, Nb.; Direction, SW.
Velocity of clouds (miles per hour)

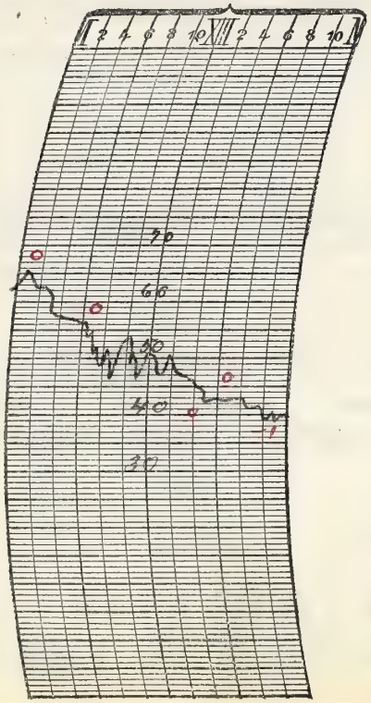
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The thunderstorm which commenced at 10:55 p.m. of the 10th ended at 4:40 a.m. that date.

Interests advised by notice on weather bulletin of a river stage of 16 feet forecast by Wednesday.

A cloudy day with showers and decreasing temperatures

Prepared by C. O. S. C. McD.

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Wednesday, (Date) APR 12 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	38	38	38	38	39	41	43	45	47
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy			(Pt Cldy		>(Cloudy	>
Sunshine (in tenths of hours)						0	0	0.2	0.7	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	22	21	20	21	23	19	22	23	22	23	21

Sunrise: Time, 5:06 Character, Cloudy
Moonrise: 2:31 p. Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	51	52	53	53	51	50	45	43	42	42	41
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	<	Pt Cloudy				>	< Clear		>	< Cloudy		>
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7	0					
Wind direction	W	W	W	W	W	W	NE	NE	NE	NE	E	E
Wind movement	18	19	20	15	14	10	5	6	9	8	8	8

Sunset: Time, 6:17 Character, Cloudy
Moonset: 3:42 a. Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	38	46	

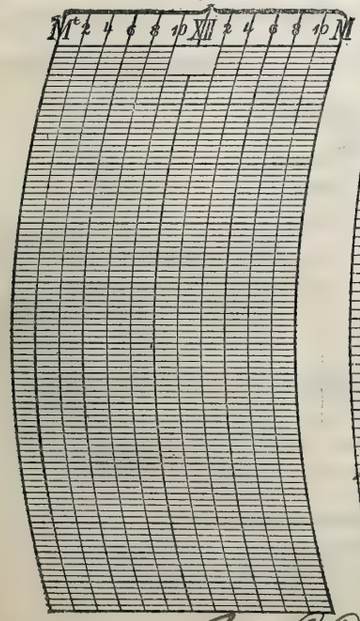
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, _____
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.6 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 73
Prevailing wind direction, W Total wind 399
Average hourly velocity, 16.4 Extreme velocity, 31
Maximum velocity, 29 Direction, W
Time began, 5:49 a.m.
Reduced barometer, 29.69 7 a. m. 29.79 7 p. m.
River gage, 17.2 Feet (rising)
Relative humidity, 75 7 a. m. 68 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

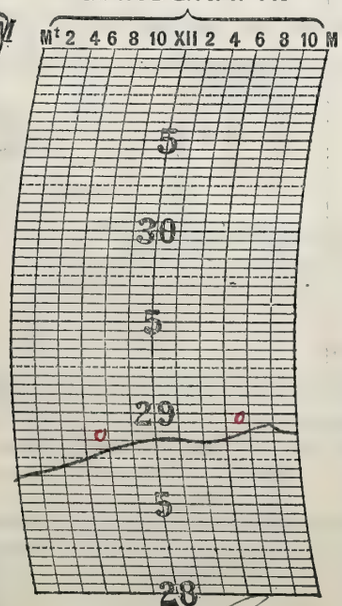
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.2 Wet temperature, 39.0
Dew-point, 29 R. humidity, 52 V. pressure, .155
Clouds: Amount, 8; Kind, St. Cu.; Direction, NW.
Velocity of clouds (miles per hour) _____

THERMOGRAPH.



BAROGRAPH.



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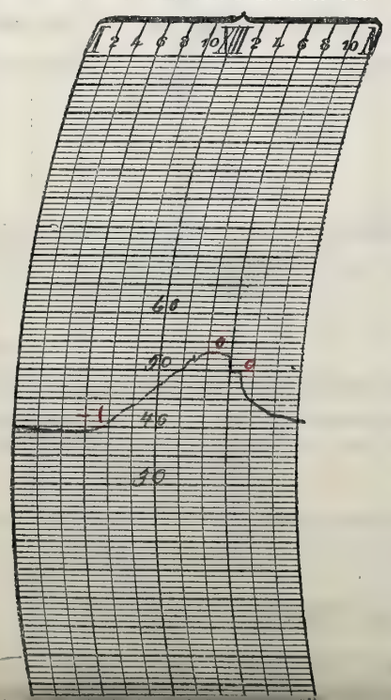


NOTES.

Lowlands along rivers inundated.
Day generally partly cloudy, early night clear, but late night overcast and threatening.
Rather cool with penetrating winds.

Prepared by P. McDonough
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Thursday, (Date) APR 13 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	37	37	37	36	38	38	41	42	45	50	54	56	56	56	54	52	51	50	47	46	45	44	45
State of weather: Nature of precipitation and time of beginning and ending		RB 1:N.	RE 4N.						RB 8:13 RE 8:55								RB 4:15 —		RE 6:20				RB 10:13	—
Amounts of precipitation		T	.02						.01								.01	T	T				.07	.02
Cloudiness and other conditions				L								Cloudy												

Sunrise: Time, 505 Character, Cloudy
Moonrise: 8:39p. Cloudy
Sunset: Time, 618 Character, Cloudy
Moonset: 6:24a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0.2	0.4	0	0.7	0.8	1.0	1.0	0.8	0	0	0	0	0					
Wind direction	E	E	E	E	NE	E	E	E	NE	NE	E	E	SE	E	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	11	16	11	10	7	6	7	6	5	10	9	5	5	8	8	11	12	14	14	14	14	11	13	13

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

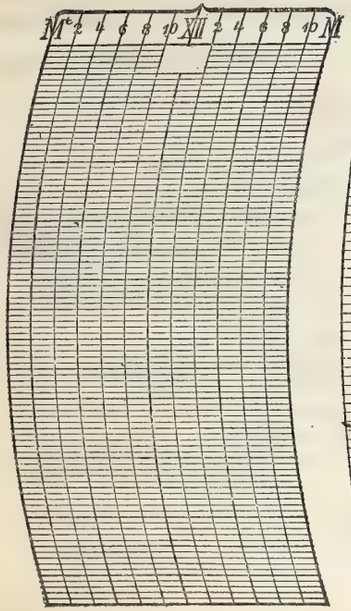
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	36	46	

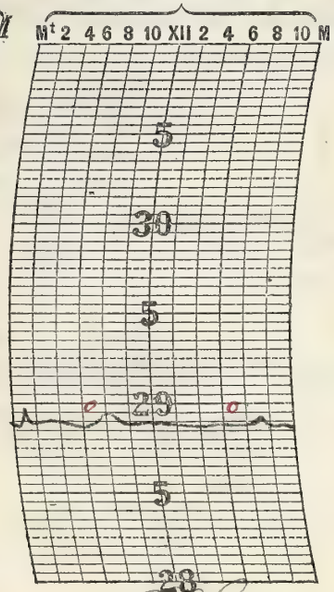
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.4 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 33
Prevailing wind direction, E Total wind 240
Average hourly velocity, 10.0 Extreme velocity, 30
Maximum velocity, 27 Direction, N
Time began, 1:06 a.m.
Reduced barometer, 29.79 7 a. m. 29.80 7 p. m.
River gage, 17.5 (falling)
Relative humidity, 85 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 51.0 Wet temperature, 46.9
Dew-point, 43 R. humidity, 74 V. pressure, .277
Clouds: Amount, 7; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

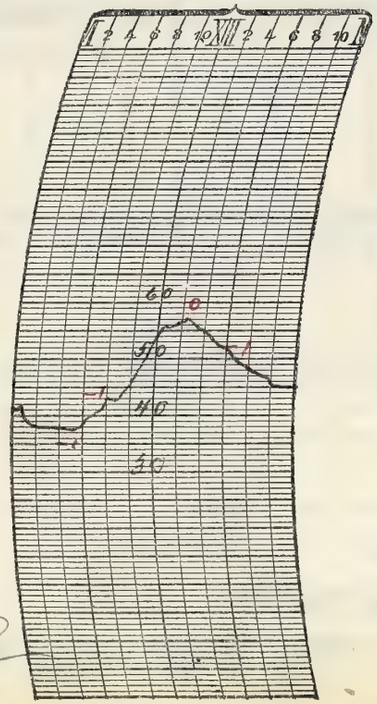
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The river crested at a stage of 17.5 feet. Lowlands along river overflowed.

A moderate thunderstorm began and ended during the night of the a. m., probably between 1:00 am and 3:00 a. m.

A cloudy day with intermittent showers and moderate temperatures.

A thunderstorm of moderate intensity began at 10:06 p.m. and continued after midnight accompanied by light rain.

Prepared by _____
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Friday, (Date) APR 14 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	43	42	43	43	43	43	46	47	47	46
Nature of precipitation and time of beginning and ending				RE DN12								
Amounts of precipitation	.09	.02	.01	T								
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, 5:03 Character, Cloudy												
Moonrise: 9:43p Cloudy												
Sunshine (in tenths of hours)						0	0.4	0	0	0	0	0
Wind direction	E	E	E	NE	NE	E	E	E	NE	NE	NE	NE
Wind movement	13	11	13	12	15	9	7	12	11	11	11	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	47	47	47	47	46	46	43	44	43	43
Nature of precipitation and time of beginning and ending	RB 12.03										RE 10.23	
Amounts of precipitation	.08	.14	.10	.11	.06	.08	T	.03	T	T	T	
Cloudiness and other conditions	Cloudy →											
Sunset: Time, 6:19 Character, Cloudy												
Moonset: 7:09a Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	E	N	N	N	N	NN	NW
Wind movement	9	9	14	6	10	6	7	9	11	9	13	12

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	42	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .21 ins.; to 7 p. m., .52 ins.

Total precipitation, midnight to midnight, .72 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.4 Possible sunshine, hours, 12.3

Per cent of possible sunshine, 3

Prevailing wind direction, NE Total wind 250

Average hourly velocity, 10.4 Extreme velocity, 18

Maximum velocity, 18 Direction, E

Time began, 11:57 a.m.

Reduced barometer, 29.83 7 a. m. 29.74 7 p. m.

River gage, 16.4 Feet (falling)

Relative humidity, 88 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

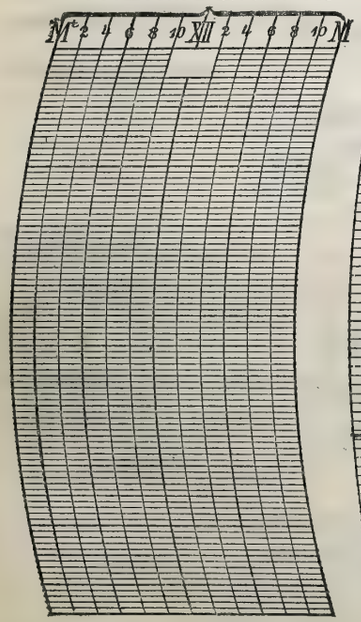
Dry temperature, 47.0 Wet temperature, 44.5

Dew-point, 42 R. humidity, 83 V. pressure, .266

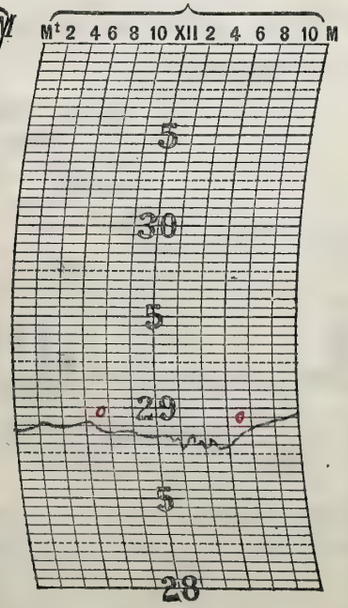
Clouds: Amount, 10; Kind, St; Direction, NE

Velocity of clouds (miles per hour)

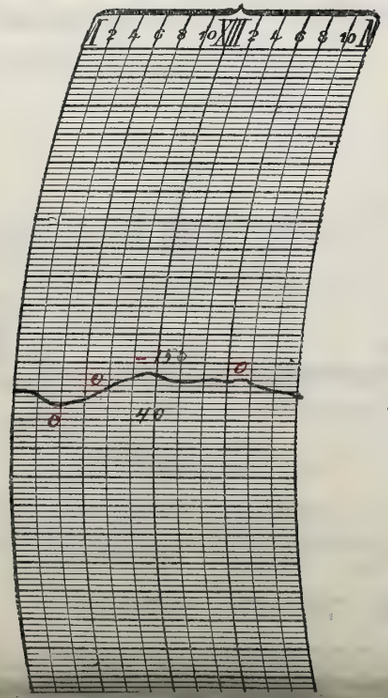
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. A. S.

Verified by C. M. Donough

NOTES.

The thunderstorm moving from the west which commenced on the 13th ended during the night a.m. this date.

A thunderstorm moving from the southwest began at 1:36 p.m. and the last thunder was heard at 1:35 p.m.

The following river bulletin was issued at 5:15 p.m. At 7 a.m. the river gage on the Maumee River read 16.4 feet. The amount of rain that has occurred since that time is enough to carry the river to 18.5 feet by Saturday afternoon. The additional rain which is anticipated is expected to cause a stage of about 20 feet by Sunday morning.

A cloudy day with moderate temperature and rain, during the afternoon and further

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Saturday, (Date) APR 15 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	40	39	38	38	39	42	46	51	53	56
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy + PCldy							
Sunrise: Time, Character, 5.02 Cloudy												
Moonrise: 10:41p Clear												
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	W	SW	SW	SW	SW	SW	W
Wind movement	12	12	10	6	8	6	7	10	8	9	9	9
Maximum velocities (exceeding 27 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	59	59	59	59	58	57	54	53	52	51	50
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunset: Time, Character, 6.00 Clear												
Moonset: 7:56a Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2 / 0.8	.33 / 0					
Wind direction	NW	NW	W	NW	NW	NW	SE	SE	SE	SE	SE	SE
Wind movement	8	6	7	6	5	2	1	4	6	7	6	5
Maximum velocities (exceeding 27 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

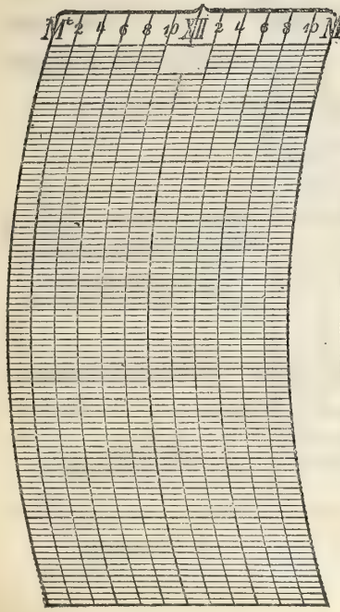
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	38	50	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, _____
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.6 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 86
Prevailing wind direction, NW Total wind 169
Average hourly velocity, 7.0 Extreme velocity, 16
Maximum velocity, 15 Direction, NW
Time began, 12:030 m.
Reduced barometer, 30.10 7 a. m. 30.11 7 p. m.
River gage, 17.7 Feet (Rising)
Relative humidity, 89 7 a. m. 69 7 p. m.

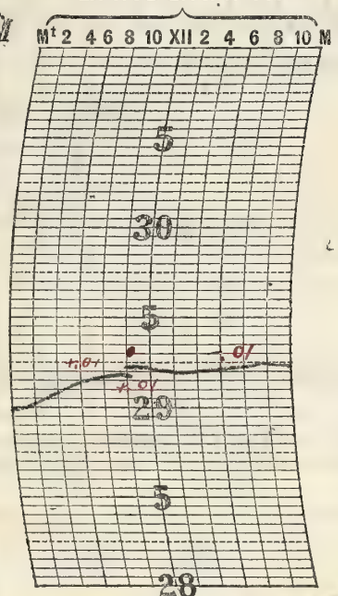
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.0 Wet temperature, 47.0
Dew-point, 40 R. humidity, 59 V. pressure, .247
Clouds: Amount, 9; Kind, Cu.; Direction, NW.
Velocity of clouds (miles per hour) _____

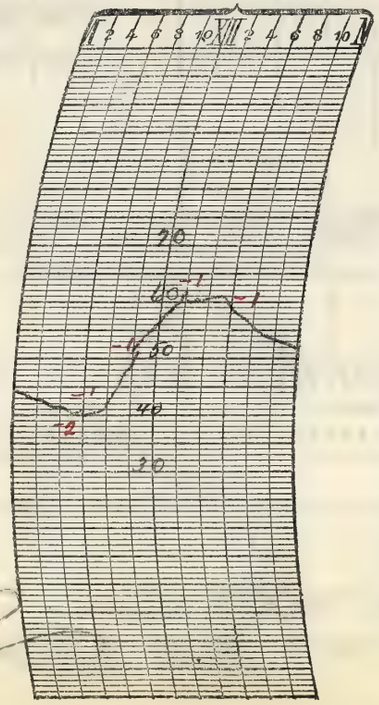
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy day with mild temperature.

Prepared by BCS

Verified by C. M. Donoghue

8—486

Form No. 1012—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 16 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	46	45	45	50	52	57	60	63	67	69	71	72	72	72	69	68	66	66	66	66	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←				Clear						Clear					x-pl	Cldy	x-Cldy	
Sunshine (in tenths of hours)						0.50 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0					
Wind direction	SE	SE	SE	SE	SE	E	E	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	5	7	5	7	6	5	8	8	9	14	13	11	13	13	14	14	14	9	7	7	8	8	12	17
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 5:00 Character, Clear
Moonrise: 11:33p Cloudy
Sunset: Time, 6:21 Character, Cloudy
Moonset: 8:45a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

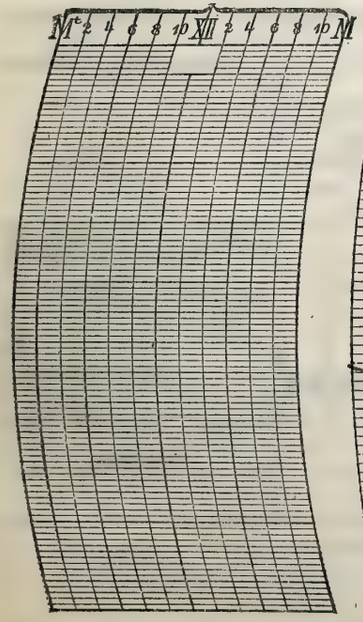
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	45	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair.
Actual sunshine, hours, 12.8 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 96
Prevailing wind direction, S Total wind 234
Average hourly velocity, 9.8 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 11:53 p.m.
Reduced barometer, ~~30.08~~ 7 a. m. 29.84 7 p. m.
River gage, 17.7 feet (falling)
Relative humidity, 62 7 a. m. 65 7 p. m.

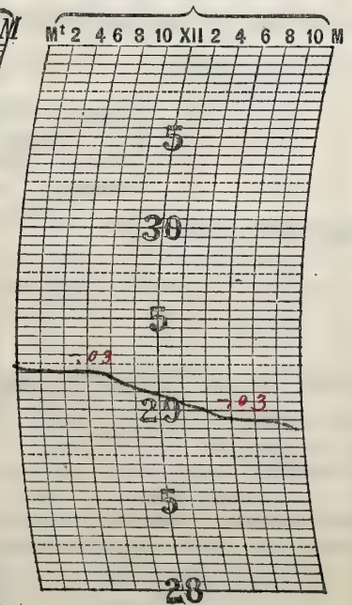
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.0 Wet temperature, 55.0
Dew-point, 42 R. humidity, 41 V. pressure, 26.6
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

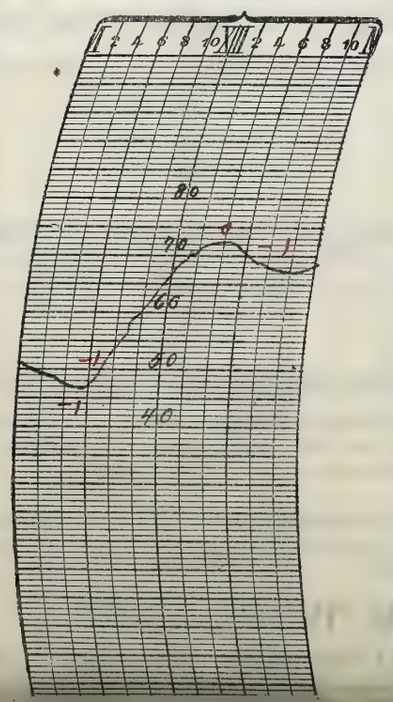
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and exceedingly pleasant day.

Prepared by CCS

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 17 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	64	63	61	61	63	66	65	64	60
Nature of precipitation and time of beginning and ending	RB 12.57					RE 5:30					RB 10.59	—
Amounts of precipitation	T	T	.27	.21	.22	T					T	.18
Cloudiness and other conditions	Cloudy							Cloudy				
Sunshine (in tenths of hours)					0	0	0	0.5	1.0	1.0	0.1	0
Wind direction	S	S	S	S	S	W	SW	SW	SW	SW	SW	SW
Wind movement	19	15	18	14	30	25	17	18	22	20	18	22
Maximum velocities (exceeding 29 miles) direction and time					56 S 4:00	56 S 5:00						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	64	65	65	66	68	68	62	54	45	44
Nature of precipitation and time of beginning and ending	RE 12.25					RB 5:30	—	RE 8:00				
Amounts of precipitation	.02					T	.20	.01				
Cloudiness and other conditions	Cloudy	Mdly Cldy	Clear	Mdly Cldy		Cloudy						
Sunshine (in tenths of hours)	0.4	0.6	0.3	0.9	0	0	0					
Wind direction	SW	S	S	S	S	S	SW	SW	SW	W	NW	NW
Wind movement	12	14	14	15	15	15	26	26	29	29	24	20
Maximum velocities (exceeding 29 miles) direction and time							30 S 6:55	32 SW 7:45	34 SW 8:25	31 W 9:36		

Sunrise: Time, 4:58 Character, Cloudy
Moonrise:

Sunset: Time, 6:23 Character, Cloudy
Moonset: 2:42a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	44	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., .27 ins.
Total precipitation, midnight to midnight, 1.11 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.8 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 36
Prevailing wind direction S & SW. Total wind 477
Average hourly velocity, 19.9 Extreme velocity, 60
Maximum velocity, 56 Direction, S
Time began, 4:30 a.m.
Reduced barometer, 29.64 7 a. m. 29.52 7 p. m.
River gage, 17.1 Feet
Relative humidity, 92 7 a. m. 85 7 p. m.

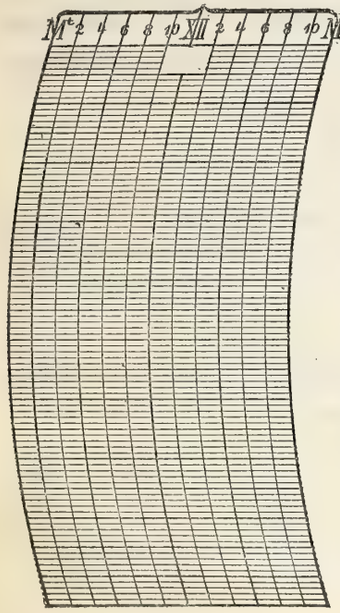
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

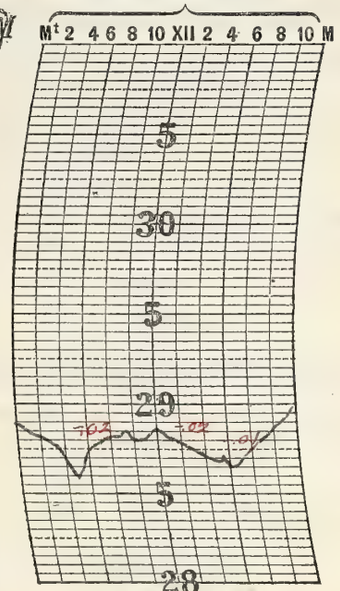
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.0 Wet temperature, 58.6
Dew-point, 58 R. humidity, 98 V. pressure, .482
Clouds: Amount, 10; Kind, Nb; Direction, SW.
Velocity of clouds (miles per hour)

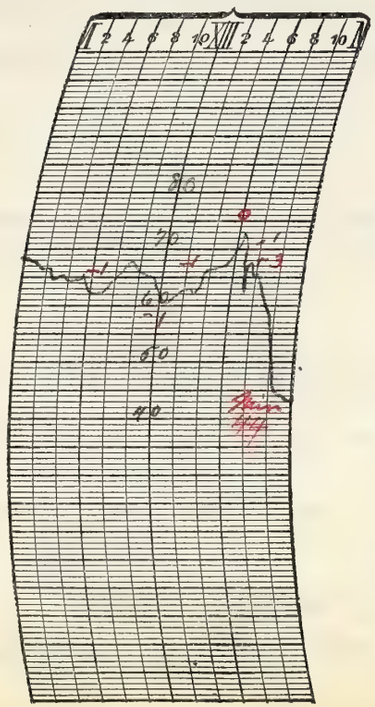
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by

Verified by C. M. Donovan

8—486

NOTES.

A thunderstorm of moderate intensity, moving from the southwest, and accompanied by light precipitation and high winds during the last hour of its activity, began at 1:15 a.m. and ended at 2:30 a.m. The high winds did some minor damage to signs, trees, and ornamental light standards.

The following river bulletin was published on the weather cards this morning:- At 7 a.m. the Maumee River stage was 17.1 feet. It will probably attain a stage of 19.0 feet by this day.

Thunder in the west from 11:50 a.m. to 11:51 a.m.

A thunderstorm from the west began at 6:30 p.m. and ended at 8:00 p.m.

A cloudy day with mild temperatures and showers

Should 4:00 p.m. (75th Meridian) precipitation called for be the Office

Form No. 1011 Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 18 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	40	40	40	41	43	45	46	47	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)					.65 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	W
Wind movement	17	16	17	13	12	12	12	13	12	15	17	16
Maximum velocities (exceeding 27 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	52	53	53	53	51	50	48	47	46	45	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.38 0					
Wind direction	W	W	W	NW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	14	13	10	11	11	8	6	7	6	6	5
Maximum velocities (exceeding 27 miles) direction and time												

Sunrise: Time, 4:57 Character, Clear
Moonrise: 12:19a
Sunset: Time, 6:23 Character, Clear
Moonset: 10:32a Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	40	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .17 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, L. 9 6:54 pm
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.4 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 100
Prevailing wind direction, W. Total wind 284
Average hourly velocity, 11.8 Extreme velocity, 27
Maximum velocity, 26 Direction, NW.
Time began, 12:03 a.m.
Reduced barometer, 30.16 7 a. m. 30.27 2, p. m.
River gage, 17.6 Feet.
Relative humidity, 70 7 a. m. 50 2 p. m.

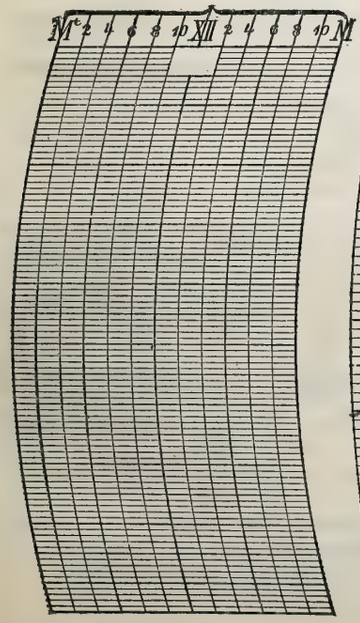
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

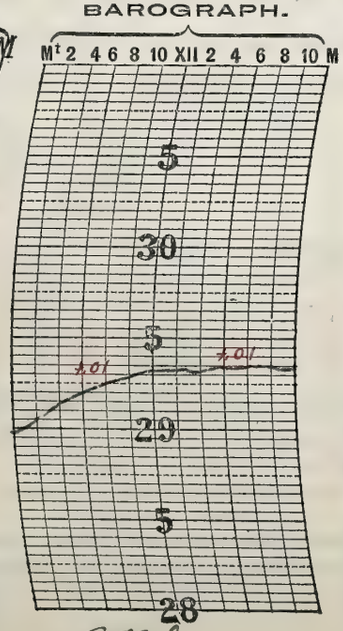
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.0 Wet temperature, 39.5
Dew-point, 27 R. humidity, 40 V. pressure, .143
Clouds: Amount, 2; Kind, Cu.; Direction, NW.
Velocity of clouds (miles per hour)

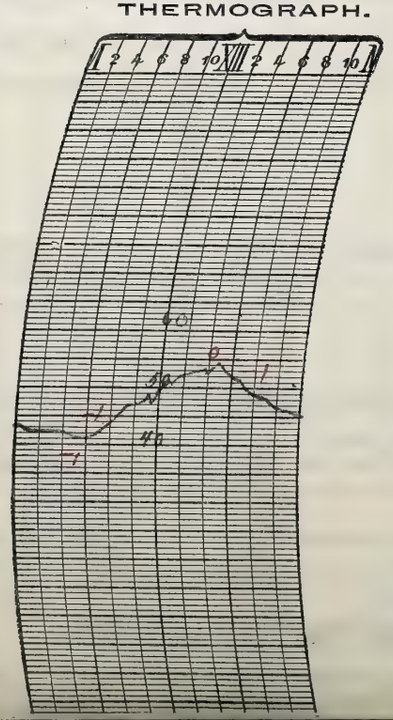
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with moderate temperatures but very invigorating. Frost warning included in bulletin issued this morning.

Prepared by CCS
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 19 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	41	41	43	46	50	52	55	56	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunshine (in tenths of hours)					0.7 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW
Wind movement	3	5	7	6	8	7	9	11	17	21	24	26
Maximum velocities (exceeding 29 miles) direction and time												32 SW 11:53

Sunrise: Time, 4:56; Character, Clear. Moonrise: 12:09a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	43	48	45	45	43	41	39	38	37	36	35
State of weather: Nature of precipitation and time of beginning and ending	RB 12:44	RF 1:05				RB 5:12 HF 5:30		SmB 7:16	SFE 8:05			
Amounts of precipitation	.01	.01				T		T	T			
Cloudiness and other conditions	Cdy, Cdy	x Pl Cdy	x Clear	x Pl Cdy,	Cdy			Cloudy				
Sunshine (in tenths of hours)	0.7	0	1.0	1.0	0.2	0	0					
Wind direction	SW	W	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement	29	30	31	36	35	35	36	37	29	28	27	23
Maximum velocities (exceeding 29 miles) direction and time	36 SW 12:51	34 NW 1:11	47 SW 2:55	43 W 3:40	43 W 4:41	42 W 5:54	44 W 6:03	48 W 7:30	33 NW 8:24	40 NW 9:01	31 W 10:47	

Sunset: Time, 6:24; Character, Cloudy. Moonset: 11:33a Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	35	47	✓

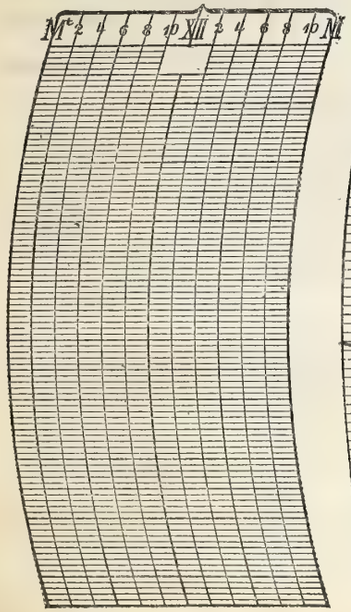
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pl. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.0 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 74
Prevailing wind direction, SW Total wind 520
Average hourly velocity, 21.7 Extreme velocity, 6.0
Maximum velocity, 48 Direction, W
Time began, 7:30 p.m.
Reduced barometer, 30.12 7 a. m. 30.07 7 p. m.
River gage, 17.5 Feet.
Relative humidity, 60 7 a. m. 67 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

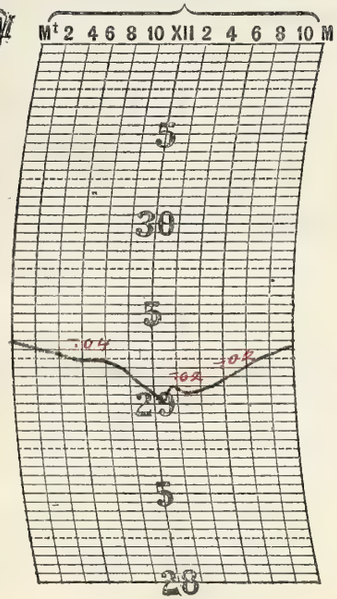
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 48.0
Dew-point, 21 R. humidity, 23 V. pressure, .108
Clouds: Amount, 3; Kind, AST; Direction, SW.
Velocity of clouds (miles per hour)

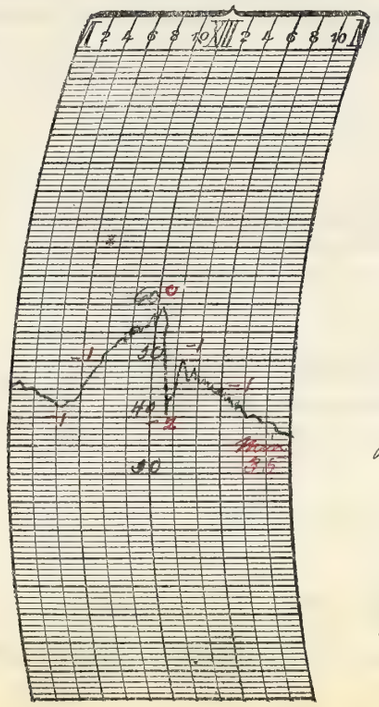
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Special 4:00 p.m. (75th Meridian Time) observation called for by Chicago. Light frost occurred this morning.

The high westerly winds caused by the depression over the Lake Region did considerable damage to trees, power and light lines and plate glass show windows. The greatest damage occurred in the southern and western portions of the city. The only casualty was that of Officer Frankfather who was slightly injured by a piece of flying timber while patrolling his beat.

Prepared by

Verified by C. M. Donovan

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 20 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	33	33	34	35	37	39	41	43	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear × Pl. Cloudy							
Sunshine (in tenths of hours)					.10 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	NW	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	19	18	18	12	9	10	10	16	17	17	16	16

Sunrise: Time, 4:54 Character, Clear. Moonrise: 1:35a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47	48	49	48	46	46	45	43	42	41	36
State of weather: Nature of precipitation and time of beginning and ending												SNB 11.0 SME DNP AB DND
Amounts of precipitation												.01
Cloudiness and other conditions			× Cloudy →									
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	NW	W	NW	NW	NW	NW	NW	NE	E	E	E	E
Wind movement	16	17	13	9	8	6	3	4	7	7	9	13

Sunset: Time, 6:26 Character, Cloudy. Moonset: 12:29p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	33	41	

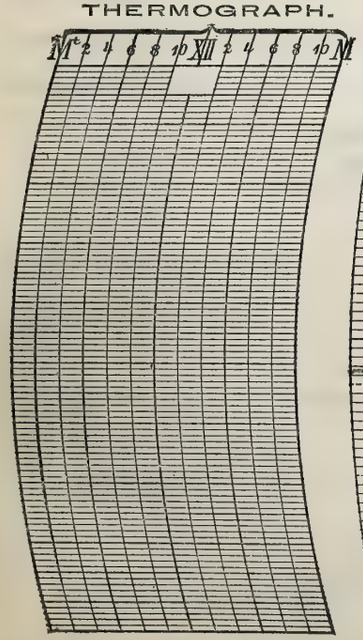
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.01 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pl. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.5 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 85
Prevailing wind direction, NW Total wind 290
Average hourly velocity, 12.1 Extreme velocity, 22
Maximum velocity, 22 Direction, NW
Time began, 2:03 a. m.
Reduced barometer, 30.39 7 a. m. 30.33 7 p. m.
River gage, 16.8 Feet.
Relative humidity, 68 7 a. m. 65 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

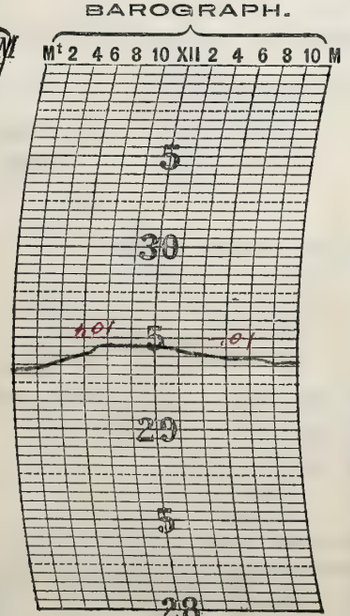
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.0 Wet temperature, 35.0
Dew-point, 21 R. humidity, 37 V. pressure, .108
Clouds: Amount, 5; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

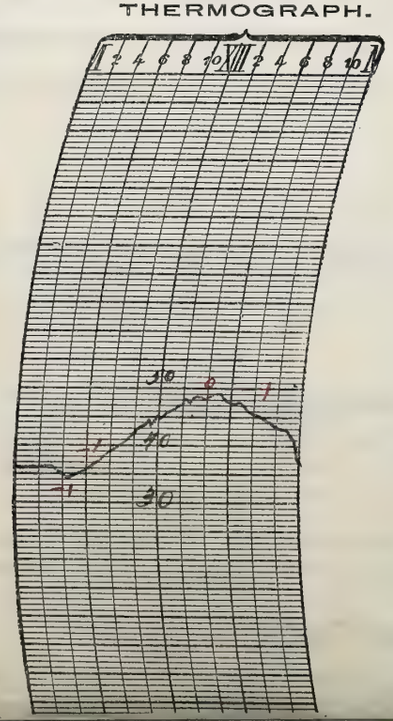
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by CCS

Verified by T. McDonough

NOTES.

(Estimated.

A pleasantly cloudy day with moderately low temperatures

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 21 1922, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	34	35	35	36	37	36	39	40
State of weather: Nature of precipitation and time of beginning and ending			HE DNA									
Amounts of precipitation	.05	.02	.01									
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	4:53 Cloudy											
Moonrise:	2:08a											
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.4	0.7
Wind direction	E	E	E	E	E	E	E	NE	NE	NE	NE	NE
Wind movement	15	15	17	17	14	12	12	10	11	11	13	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	42	43	43	42	42	42	41	41	40	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunset: Time, Character,									6:27 Cloudy			
Moonset:									1:25p Cloudy			
Sunshine (in tenths of hours)	0.1	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	N	N	N	N	N	O	N
Wind movement	10	9	8	10	5	4	3	3	2	3	0	2

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

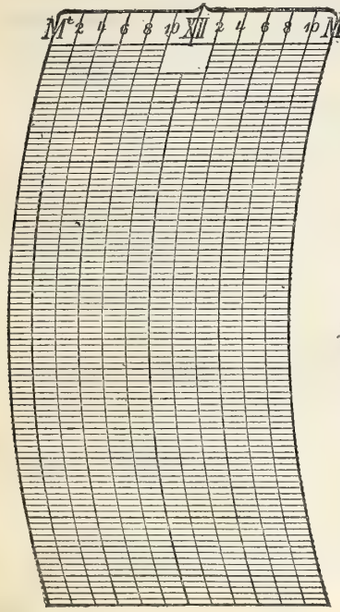
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	33	38	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.3 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 10
Prevailing wind direction, NE Total wind 217
Average hourly velocity, 9.0 Extreme velocity, 23
Maximum velocity, 22 Direction, E
Time began, 5:40 a.m.
Reduced barometer, 30.24 7 a. m. 30.31 7 p. m.
River gage, 16.3 Feet
Relative humidity, 91 7 a. m. 77 7 p. m.

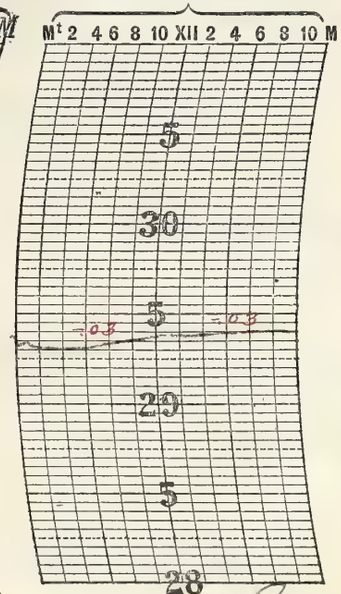
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.0 Wet temperature, 36.3
Dew-point 32 R. humidity, 78 V. pressure, .180
Clouds: Amount, 10; Kind, St Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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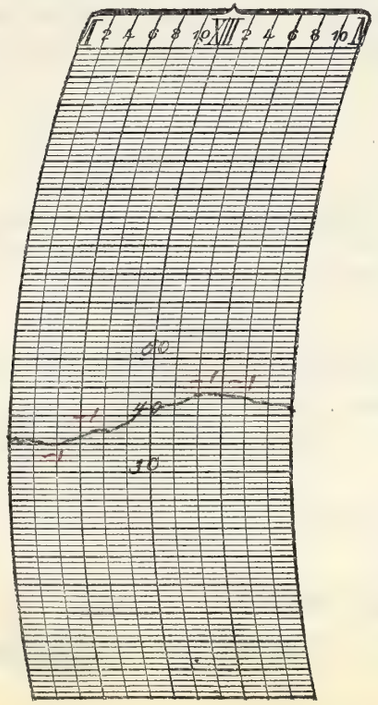


NOTES.

A cloudy day with moderately low temperatures

Prepared by E. M. S.
Verified by C. McDonough

8—480

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 22 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	38	38	36	37	38	42	44	46	47	48
State of weather: Nature of precipitation and time of beginning and ending		RW+	E	DNR								
Amounts of precipitation		T	T	T								
Cloudiness and other conditions					Cldy	Pl Cldy			Clear	Pl Cldy		
Sunrise: Time, Character, 4:51 Cloudy												
Moonrise: 2:38a												
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	E	E	SE	SW	SW	SW	SW	NW	NW	NW
Wind movement	3	2	2	2	5	7	8	9	6	6	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	50	52	51	50	50	47	44	43	41	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pl. Cloudy						Cloudy					
Sunset: Time, Character, 6:28 Cloudy												
Moonset: 2:21p Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	N	N
Wind movement	8	8	8	6	5	3	2	2	5	6	5	4

Maximum velocities (exceeding 89 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

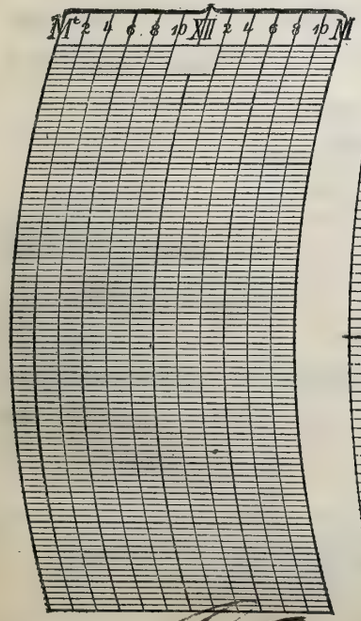
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pl Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.9 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 80
Prevailing wind direction, NW Total wind 128
Average hourly velocity, 5.3 Extreme velocity, 12
Maximum velocity, 12 Direction, NW.
Time began, 11:33 a.m.
Reduced barometer, 30.26 7 a. m. 30.34 7 p. m.
River gage, 15.6 Feet.
Relative humidity, 59 7 a. m. 46 7 p. m.

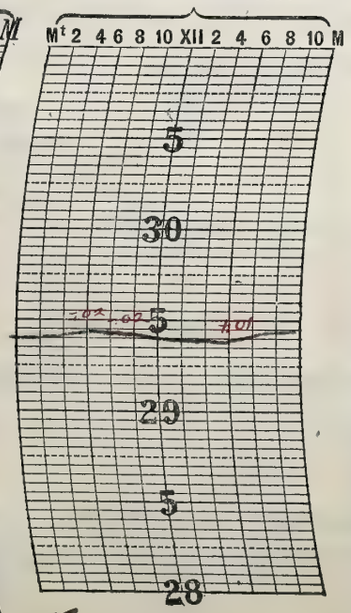
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.8 Wet temperature, 38.0
Dew-point, 26 R. humidity, 42 V. pressure, 12.6
Clouds: Amount, 7; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

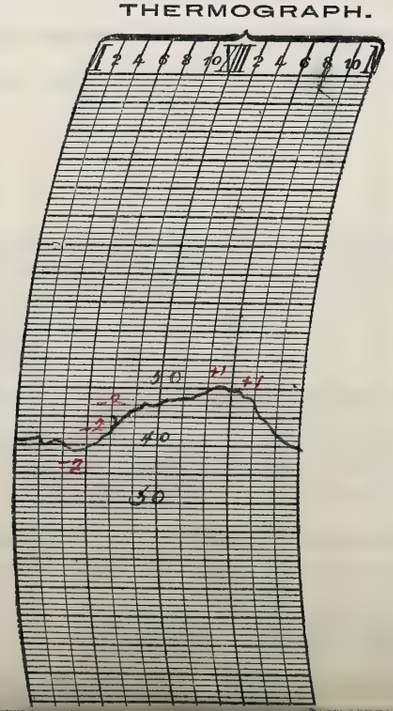
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy day with moderate temperature.

Prepared by C. C. L.
Verified by C. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Sunday, (Date) APR 23 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	37	38	39	43	49	51	52	54	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)					.17 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	NE	NE	S	SW	W	W
Wind movement	4	5	2	1	2	3	3	1	5	5	4	6

Sunrise: Time, 4:50 Character, Clear
Moonrise: 9:07a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	59	61	59	59	58	57	54	54	52	50	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	NW	NW	NW	NW	N	N	N	N	S	S	S	S
Wind movement	7	6	5	4	4	2	1	2	3	4	5	8

Sunset: Time, 6:29 Character, Cloudy
Moonset: 9:12p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

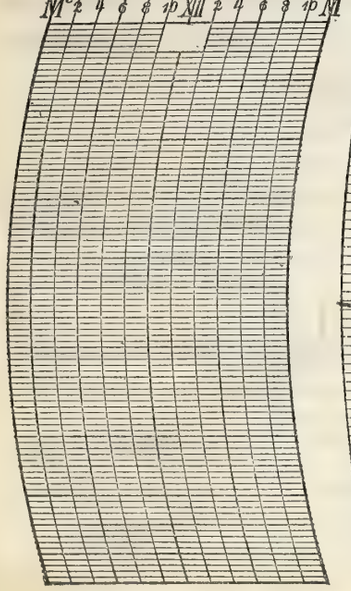
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	37	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.6 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 93
Prevailing wind direction, N. Total wind 92
Average hourly velocity, 3.8 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 12:44 p.m.
Reduced barometer, 30.41 7 a. m. 30.36 7 p. m.
River gage, 13.6 Feet (from painted gage).
Relative humidity, 53 7 a. m. 45 7 p. m.

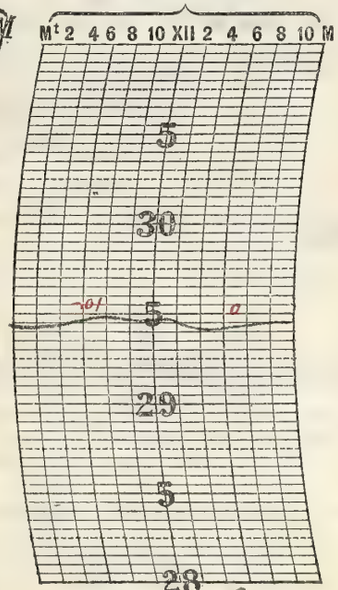
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.0 Wet temperature, 44.0
Dew-point, 31 R. humidity, 39 V. pressure, .172
Clouds: Amount, 2; Kind, Cu.; Direction, N.
Velocity of clouds (miles per hour)

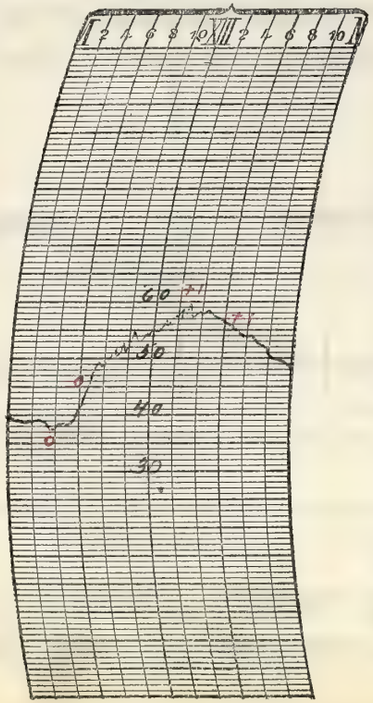
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

River gage was lost or stolen during the night of 22nd; gage readings beginning this date from the painted gage on east abutment of Columbia Street Bridge.

Prepared by

Verified by C. McDonough

8—486

Form No. 1012—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 24 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	45	45	44	43	44	45	51	54	56	57	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Cloudy				
Sunrise: Time, Character, 4:48 Cloudy; Moonrise: 3:37a												
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	SE	SE	S	S	S	SE	SE
Wind movement	7	6	8	9	8	7	9	8	7	9	11	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	61	59	58	57	57	55	54	53	53	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise:									Sunset: Time, Character, 6:30 Cloudy; Moonset: 4:14p Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0	0					
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	12	10	9	7	7	5	5	5	4	5	4	3
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	43	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.4 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 6.9
Prevailing wind direction, SE. Total wind 176
Average hourly velocity, 7.3 Extreme velocity, 16
Maximum velocity, 14 Direction, SE
Time began, 12:17 p.m.
Reduced barometer, 30.43 7 a. m. 30.31 7 p. m.
River gage, 9.2 Feet (From painted gage)
Relative humidity, 52 7 a. m. 42 7 p. m.

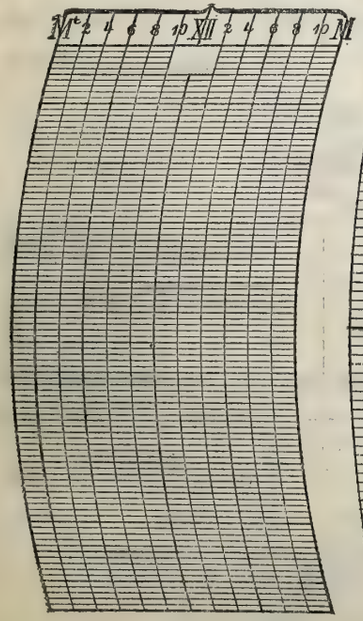
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

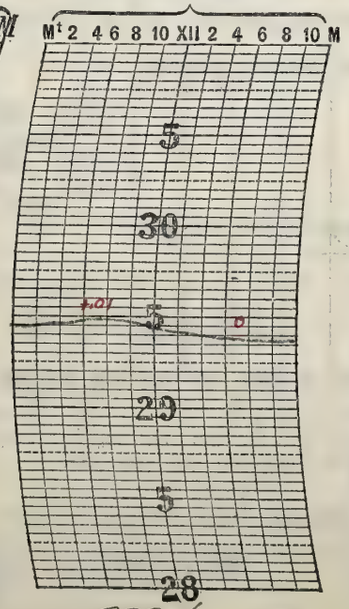
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.0 Wet temperature, 46.0
Dew-point, 31 R. humidity, 34 V. pressure, .122
Clouds: Amount, 8; Kind, AST; Direction, NW.
Velocity of clouds (miles per hour)

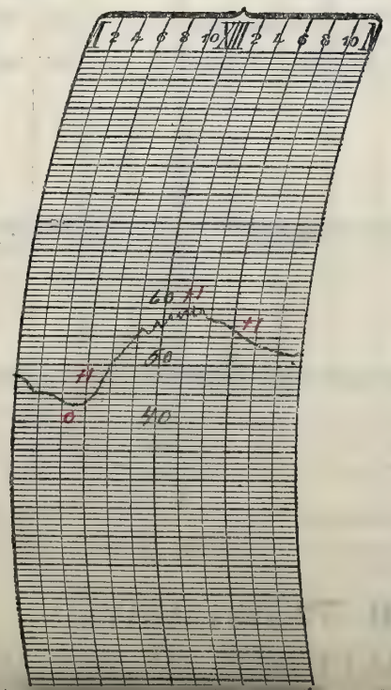
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Solar halo of 22° radius observed from 6:43 a.m. until 4:12 p.m.
A cloudy day with moderate temperatures

Prepared by
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 2 - 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	47	47	48	48	48	48	49	51	52
State of weather: Nature of precipitation and time of beginning and ending			RB DN4									
Amounts of precipitation			T	.03	.02	.01	T	.01	.03	.03	.02	.01
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SE	E	E	E	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	3	5	4	4	3	5	5	5	4	6	5	7

Sunrise: Time, 4:42; Character, Cloudy. Moonrise: 4:66a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	56	56	57	56	56	56	55	55	55	55	55
State of weather: Nature of precipitation and time of beginning and ending		RE 1:20										
Amounts of precipitation	T	T										
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.6	0.9	0	0	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	8	5	4	4	7	6	5	5	5	4	2	3

Sunset: Time, 6:31; Character, Cloudy. Moonset: 5:12p. Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

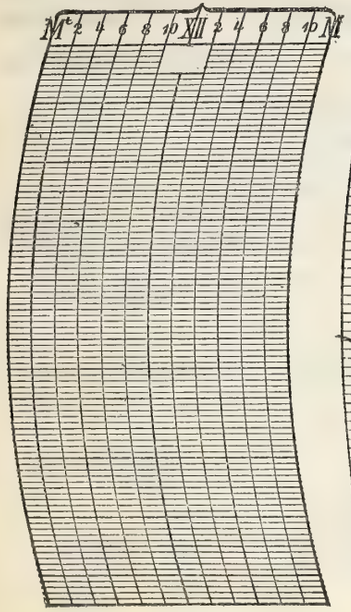
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	47	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.5 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 11
Prevailing wind direction, S Total wind 114
Average hourly velocity, 4.8 Extreme velocity, 9
Maximum velocity, 9 Direction, S
Time began, 12:34 p.m.
Reduced barometer, 30.25 7 a. m. 30.11 7 p. m.
River gage, No reading; river below gage level.
Relative humidity, 81 7 a. m. 84 7 p. m.

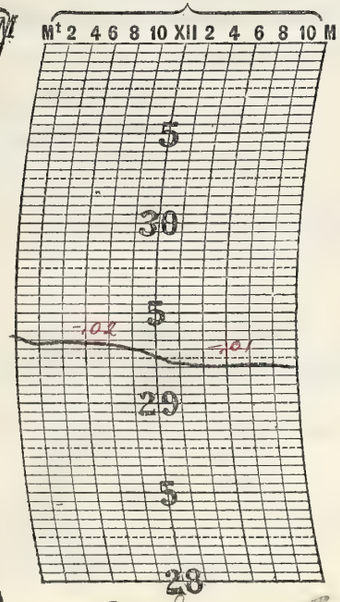
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.8 Wet temperature, 50.2
Dew-point, 49 R. humidity, 90 V. pressure, .347
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

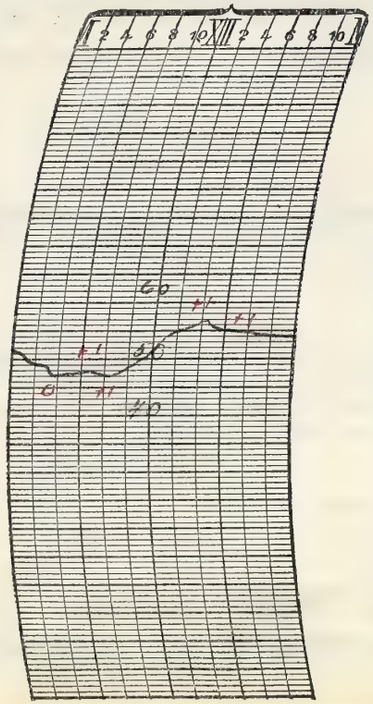
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with some clearing the morning and early afternoon hours and moderate temperatures

Prepared by CWS

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Port Wayne, Ind, (Day of week) Wednesday, (Date) APR 9 1913, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	54	54	54	54	53	53	54	55	56	57
State of weather: Nature of precipitation and time of beginning and ending					RG DNA				AE 8:19			
Amounts of precipitation					T	T	T	T	T			
Cloudiness and other conditions									Cloudy			

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	55	54	53	53	50	48	47	46	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy					* Pt Cldy	* Clear			

Sunrise: Time, 4:45 Character, Cloudy
Moonrise: 4:38a

Sunset: Time, 6:32 Character, Cloudy
Moonset: 6:10p Cloudy

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.7	0.9
Wind direction	SW	SW	SW	SW	NW	NW	NW	NW	N	N	N	NW
Wind movement	4	4	3	4	4	4	5	6	7	7	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.7	0.6	0.5	0.2	0	0	0					
Wind direction	N	NW	N	N	N	N	N	N	N	N	N	NE
Wind movement	8	10	13	13	10	9	8	6	7	8	10	10

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

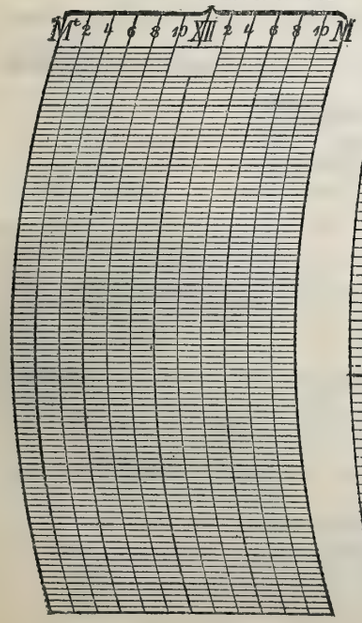
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	42	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, New 11:04 p.m.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 3.7 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 27
Prevailing wind direction, N. Total wind 176
Average hourly velocity, 7.3 Extreme velocity, 16
Maximum velocity, 15 Direction, N
Time began, 3:23 p.m.
Reduced barometer, 30.13 7 a. m. 30.18 7 p. m.
River gage, River below gage level. No reading.
Relative humidity, 99 7 a. m. 81 7 p. m.

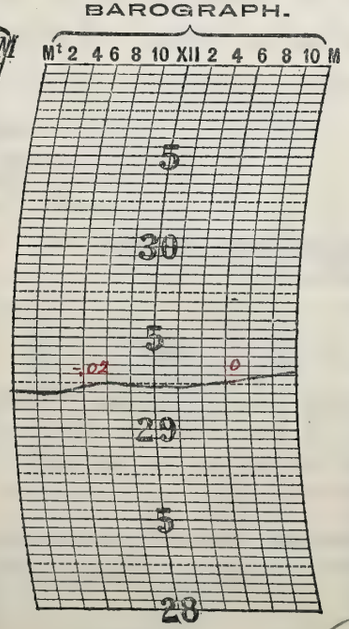
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 53.0
Dew-point, 50 R. humidity, 77 V. pressure, 30.0
Clouds: Amount, 9; Kind, St; Direction, NW.
Velocity of clouds (miles per hour)

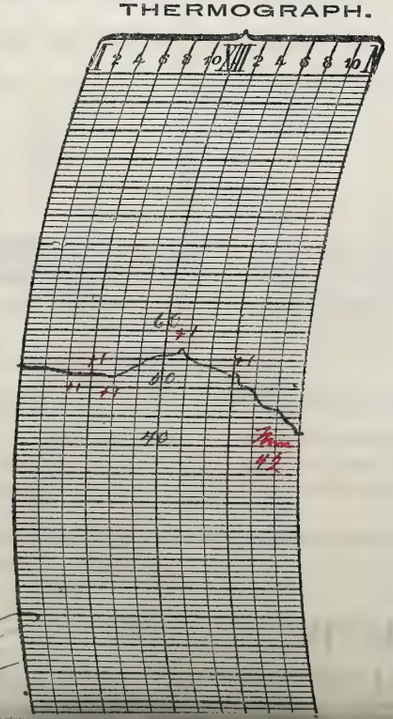
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

St. Fog began:- 5:48 a.m.
St. Fog ended:- 10:30 a.m.
A cloudy day with moderate temperatures

Prepared by
Verified by P. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 2 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	38	37	37	39	40	40	42	43	45	46	48	48	48	48	47	46	46	44	43	41	40	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear × pl		Cldy ×		— Cloudy						— Cloudy					× pl	Cldy ×	Clear →		
Sunshine (in tenths of hours)					.27 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0	0	0					
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	12	11	8	7	8	11	14	14	13	14	12	13	13	12	12	13	13	10	11	12	13	13	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:44 Character, Clear
Moonrise: 5:11 a Clear
Sunset: Time, 6:33 Character, Cloudy
Moonset: 2:03 p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

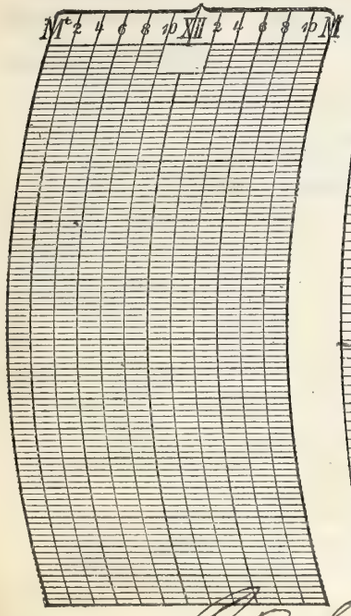
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	37	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 2 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 10.4 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 75
Prevailing wind direction, NE Total wind 281
Average hourly velocity, 11.7 Extreme velocity, 18
Maximum velocity, 16 Direction, NE
Time began, 8:25 a.m.
Reduced barometer, 30.30 7 a. m. 30.25 7 p. m.
River gage, No reading; river below gage level.
Relative humidity, 69 7 a. m. 59 7 p. m.

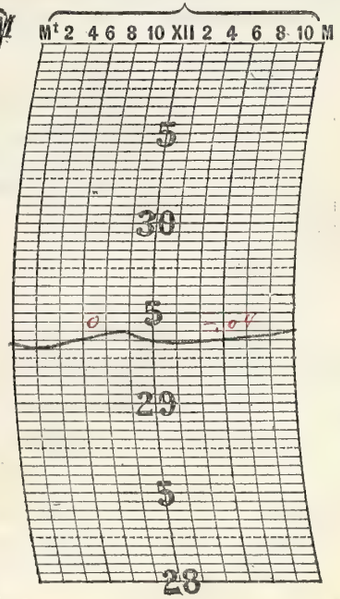
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.5 Wet temperature, 40.0
Dew-point, 33 R. humidity, 62 V. pressure, .187
Clouds: Amount, 7; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

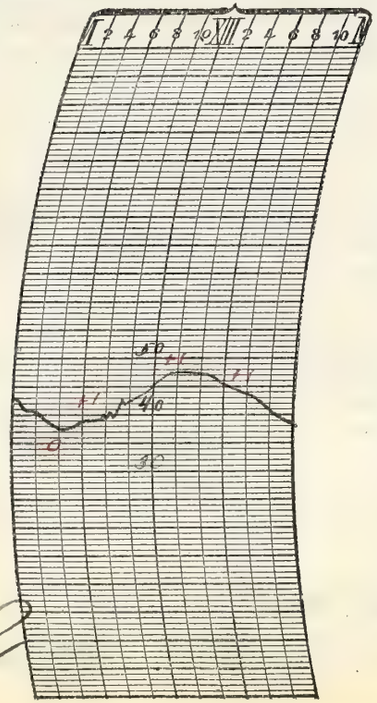
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy frost occurred this morning. Warnings requested commencing this date.

A cloudy day with moderate temperatures.

Prepared by C. S. McDonough
Verified by C. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 28 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	34	33	33	34	37	39	43	45	48	49	[illegible]	51	53	53	54	53	52	50	47	45	43	42	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt. Cldy			× Clear			× Pt. Cldy ×				Clear							
Sunshine (in tenths of hours)					.28 0	0.7 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	13	12	11	9	7	10	12	13	14	15	14	16	14	15	14	14	12	10	5	5	6	5	4	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:43 Character, Clear
Moonrise: 5:49 Cloudy

Sunset: Time, 6:34 Character, Cloudy
Moonset: 8:08 p. Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

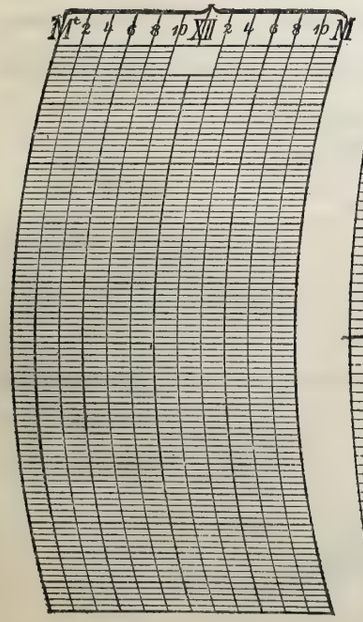
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	33	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.4 Possible sunshine, hours, 13.8
Per cent of possible sunshine,
Prevailing wind direction, NE Total wind 205
Average hourly velocity, 10 Extreme velocity, 25
Maximum velocity, 20 Direction, NE
Time began, 1:42 p.m.
Reduced barometer, 30.15 7 a. m. 30.28 7 p. m.
River gage, No reading. River below gage level.
Relative humidity, 52 7 a. m. 49 7 p. m.

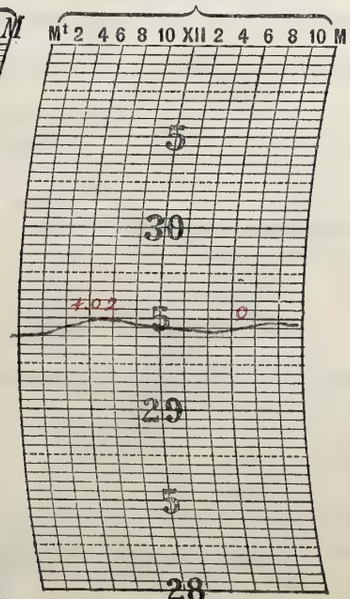
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 39.0
Dew-point, 23 R. humidity, 33 V. pressure, .118
Clouds: Amount, 4; Kind, Ci; Direction, SW
Velocity of clouds (miles per hour)

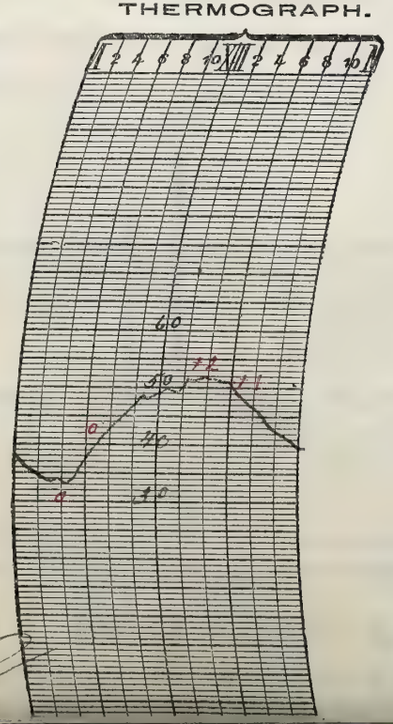
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderate temperatures

Prepared by

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 29 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	37	38	40	44	49	53	54	57	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunrise: Time, Character, 4:41 Clear												
Moonrise: 6:31a Clear												
Sunshine (in tenths of hours)					.32 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	2	3	4	3	2	2	3	5	6	6	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	62	63	62	61	60	56	54	52	50	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Pt Cldy × Cloudy × Pt Cldy × Clear →											
Sunset: Time, Character, 6:35 Clear												
Moonset: 9:07p Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.38 0.2					
Wind direction	NE	N	N	N	N	N	N	N	N	N	N	N
Wind movement	7	7	5	7	7	5	3	4	5	4	4	4
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	37	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.8 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind 108
Average hourly velocity, 4.5 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 1:12 p.m.
Reduced barometer, 30.39 7 a. m. 30.29 7 p. m.
River gage, No reading. River below gage level
Relative humidity, 50 7 a. m. 25 7 p. m.

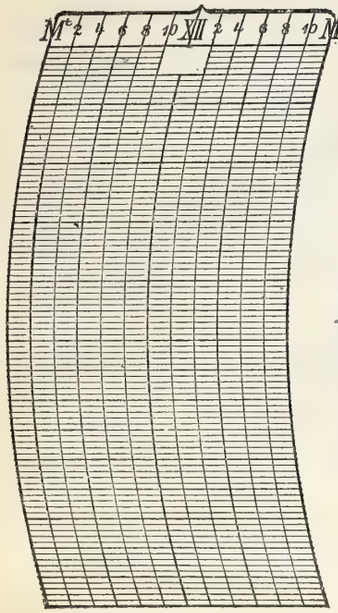
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

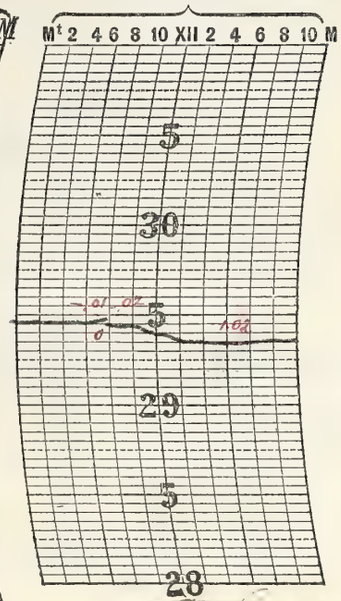
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.2 Wet temperature, 43.2
Dew-point, 24 R. humidity, 27 V. pressure, 124
Clouds: Amount, 3; Kind, Ci St; Direction, NW
Velocity of clouds (miles per hour)

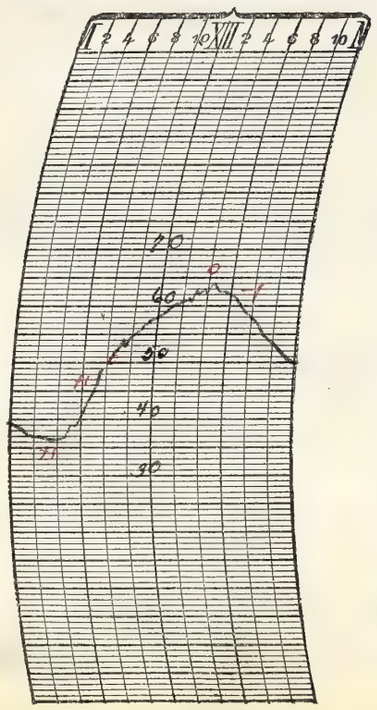
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy frost occurred this morning. At sunrise there of 22° reading. Snow showed from 12:50 p.m. until 3:38 p.m. A clear and very pleasant day with moderate temperatures.

Prepared by
Verified by C. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 30 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	48	47	46	46	49	50	55	59	62	64	65	66	66	66	66	65	63	58	56	52	50	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear						×	Pt. Cloudy			×	Clear				→
Sunshine (in tenths of hours)					.33 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0					
Wind direction	N	N	N	N	N	NE	E	E	E	E	E	NE	NE	NE	E	E	NE	E	E	E	E	E	E	E
Wind movement	4	2	3	3	6	6	5	5	5	4	3	5	6	7	5	4	7	5	4	6	9	10	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:40 Character, Clear
Moonrise: 2:18a Clear
Sunset: Time, 6:36 Character, Cloudy
Moonset: 10:03p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

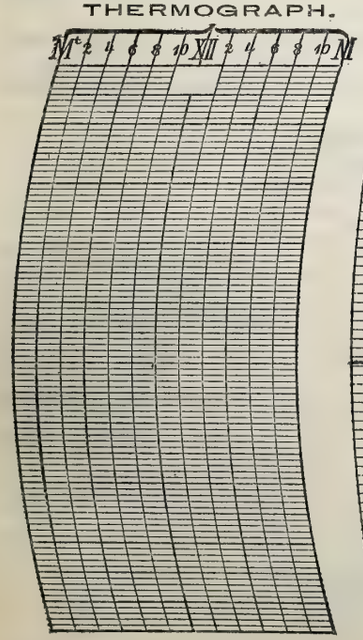
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	46	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.3 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 96
Prevailing wind direction, E Total wind 12.9
Average hourly velocity, 5.4 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 9:01 pm
Reduced barometer, 30.38 7 a. m. 30.33 7 p. m.
River gage, No reading. River below gage level.
Relative humidity, 57 7 a. m. 30 7 p. m.

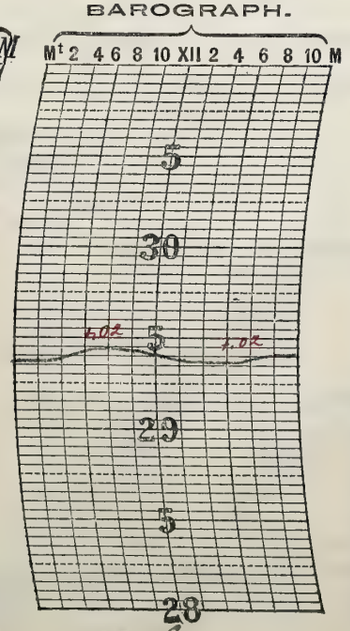
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.1 Wet temperature, 49.6
Dew-point, 36 R. humidity, 36 V. pressure, .211
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

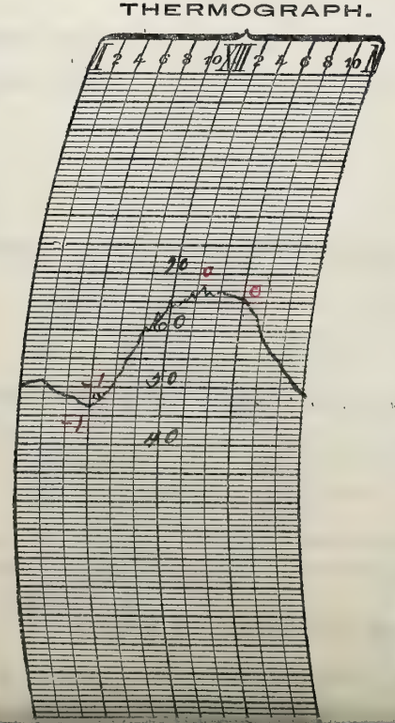
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and warm day which as a whole was very pleasant.

Prepared by [illegible]
Verified by [illegible] McDonough

FORM NO. 1014—MOT 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 1 1922, 192

Time (local standard). 75 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	42	42	41	42	45	53	60	66	68	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					.35 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	S
Wind movement	5	5	5	4	4	6	5	4	5	5	6	9
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	73	72	71	70	69	67	66	65	63	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pl. Cloudy						Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	SW	SW	S	S	SW	S	S	SE	SE	SE	SE	S
Wind movement	8	8	8	9	10	4	5	5	8	7	7	6

Sunrise: Time, 4:39 Character, Clear
Moonrise: 8:12a Cloudy
Sunset: Time, 6:37 Character, Cloudy
Moonset: 10:54p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

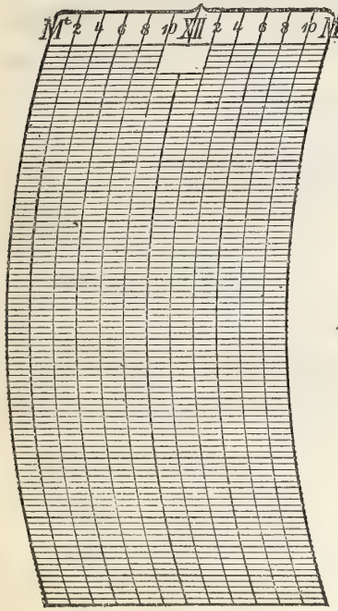
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	41	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pl. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 12.8 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 91
Prevailing wind direction, E Total wind 248
Average hourly velocity, 6.2 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 3:48 p.m.
Reduced barometer, 30.40 7 a. m. 30.26 7 p. m.
River gage, No reading. River below gage level.
Relative humidity, 66 7 a. m. 31 7 p. m.

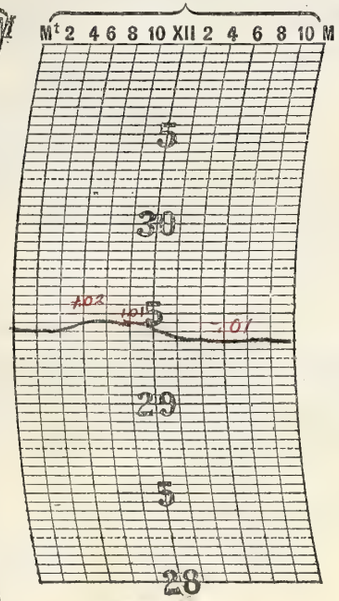
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.0 Wet temperature, 52.0
Dew-point, 32 R. humidity, 24 V. pressure, 180
Clouds: Amount, 6; Kind, Ci St; Direction, W.
Velocity of clouds (miles per hour)

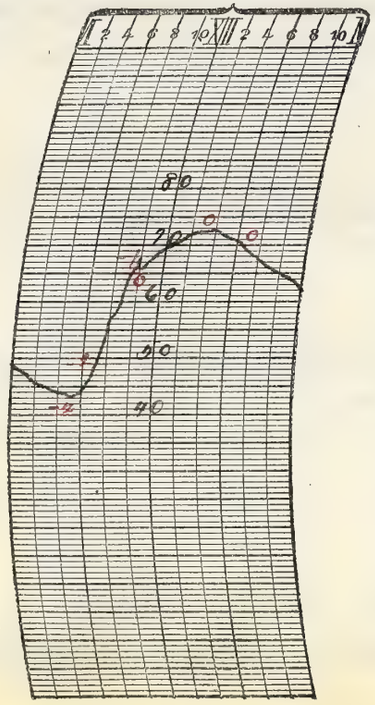
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy day with moderate temperatures.

Prepared by [illegible]
Verified by P. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 2 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	58	57	57	61	66	70	70	70	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Cloudy				
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	6	6	4	6	7	7	6	7	7	10	10	7
Maximum velocities (exceeding 22 miles) direction and time												

Sunrise: Time, 4:37 Character, Cloudy
Moonrise: 9:11a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	75	75	75	74	72	70	68	68	67	66	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	SW	S	SW	S	S	S	S	S	S	SE	S	SW
Wind movement	9	9	10	8	9	8	7	7	5	6	8	10

Sunset: Time, 6:38 Character, Cloudy
Moonset: 11:42p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	57	66	

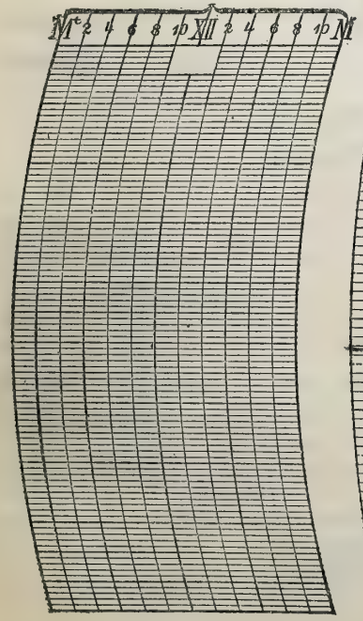
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 11.4 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 81
Prevailing wind direction, S Total wind 179
Average hourly velocity, 7.5 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 2:30 p.m.
Reduced barometer, 30.26 7 a. m. 30.07 7, p. m.
River gage No reading. River below gage level
Relative humidity, 56 7 a. m. 56 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

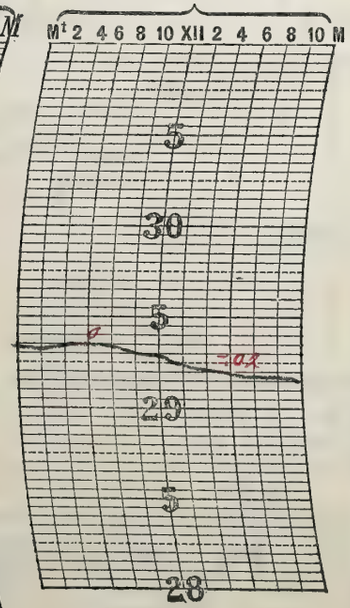
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.8 Wet temperature, 58.5
Dew-point, 50 R. humidity, 48 V. pressure, 36.0
Clouds: Amount, 8; Kind, Cu; Direction, SW.
Velocity of clouds (miles per hour)

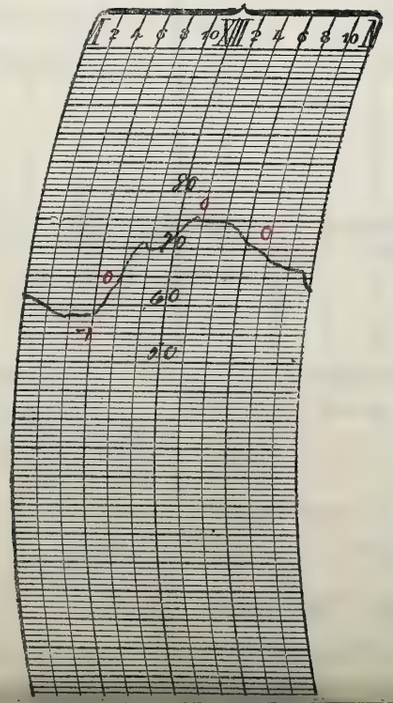
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with mild temperatures.

Prepared by CDS
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 3 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	62	61	60	60	59	59	59	59	59	60	61
State of weather: Nature of precipitation and time of beginning and ending	RB DNR											
Amounts of precipitation	.01	.03	.09	.14	.17	.09	.03	.02	.03	.02	.02	T
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:36 Cloudy											
Moonrise:	10:13a Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.1	0.6
Wind direction	SW	SW	E	E	E	E	NE	NE	NE	NE	NE	N
Wind movement	7	4	4	6	9	8	7	8	12	9	10	9
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	64	66	66	67	66	66	63	63	62	61	61
State of weather: Nature of precipitation and time of beginning and ending	RE 12:40							RB 7:12	RE 8:30			
Amounts of precipitation	T							.05	T			
Cloudiness and other conditions	Cloudy								Clear			
Sunset: Time, Character,									6:39 Cloudy			
Moonset:									—	—		
Sunshine (in tenths of hours)	0.4	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	N	N	N	NW	NW	NW	W	W	NW	NW	O	W
Wind movement	6	5	5	7	6	5	4	6	3	1	0	3
Maximum velocities (exceeding 24 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	58	63	

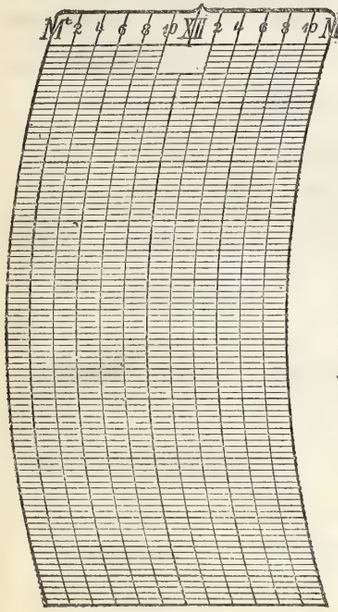
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .55 ins.; to 7 p. m., 1.0 ins.
Total precipitation, midnight to midnight, 1.0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.7 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 41
Prevailing wind direction, NE & NW Total wind 144
Average hourly velocity, 6.0 Extreme velocity, 15
Maximum velocity, 14 Direction, NE
Time began, 8:33 a. m.
Reduced barometer, 29.89 7 a. m. 29.83 7 p. m.
River gage, No reading. River below gage level
Relative humidity, 96 7 a. m. 75 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 59.5
Dew-point, 59 R. humidity, 97 V. pressure, .499
Clouds: Amount, 10; Kind, Nb; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH.



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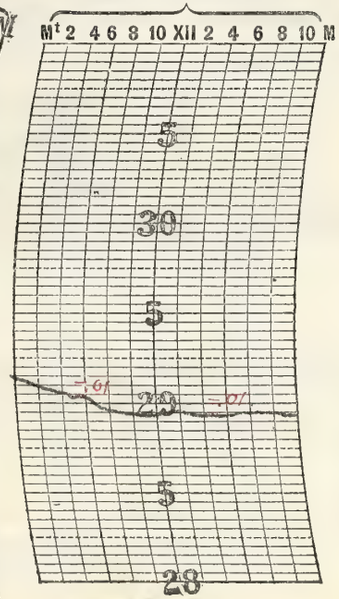

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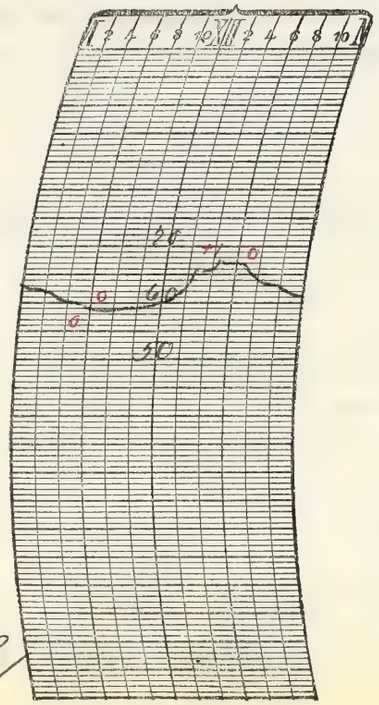


NOTES.

A cloudy day with mild temperatures and rain during the morning hours.

Prepared by

Verified by P. M. Dunnigh

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 4 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	57	55	53	53	56	60	64	69	70	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, Character, 4:35 Cloudy; Moonrise: 11:21a Cloudy												
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	3	4	5	3	3	3	5	7	10	11
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	76	76	67	61	60	59	60	59	58	57	57
State of weather: Nature of precipitation and time of beginning and ending	RB 12:25 RE 12:30				RB 4:20	RE 6:50	RB 6:29	RE 7:10				
Amounts of precipitation	T				T	T	.01	T				
Cloudiness and other conditions												
Sunset: Time, Character, 6:45 Cloudy; Moonset: 12:26a												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0	0	0					
Wind direction	SW	S	S	SW	NE	E	SE	NE	W	NW	NW	NW
Wind movement	7	6	11	11	11	6	3	3	3	8	7	5
Maximum velocities (exceeding 22 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase F.Q. 6:56 a.m.
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 9.7 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 69
Prevailing wind direction, SW. Total wind 141
Average hourly velocity, 5.9 Extreme velocity, 19
Maximum velocity, 12 Direction, N.
Time began, 3:49 p.m.
Reduced barometer, 29.81 7 a. m. 29.73 7 p. m.
River gage, No reading. River below gage level
Relative humidity, 99 7 a. m. 85 7 p. m.

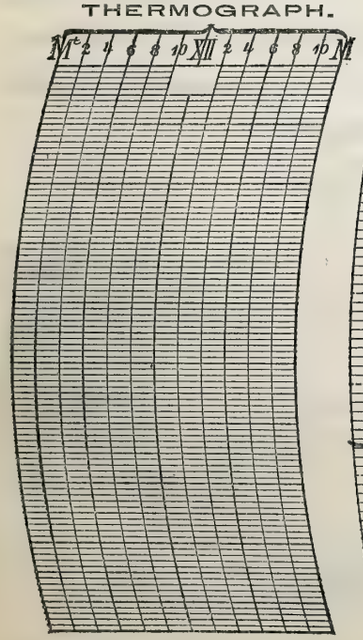
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

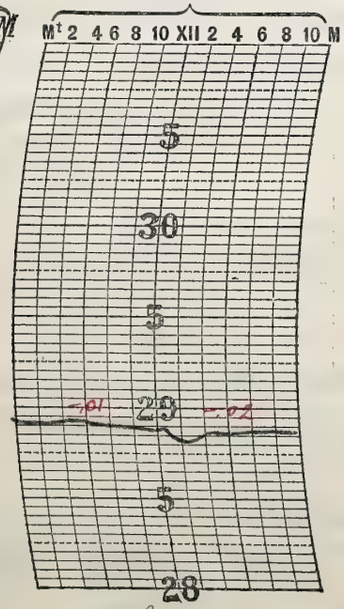
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.0 Wet temperature, 64.0
Dew-point, 58 R. humidity, 58 V. pressure, .482
Clouds: Amount, 7; Kind, Cu; Direction, N.
Velocity of clouds (miles per hour)

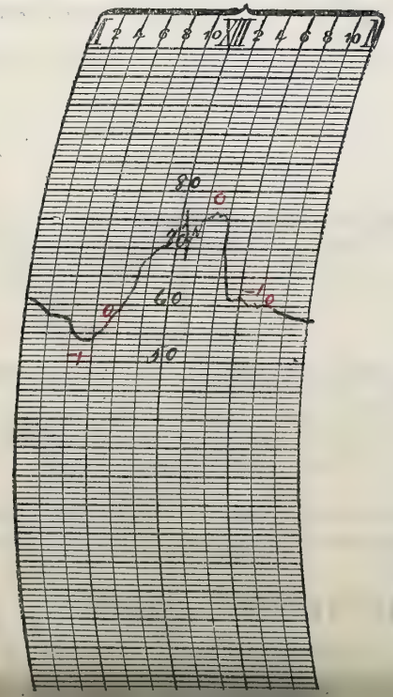
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

St. Fog began 2:00 a.m.
St. Fog ended 8:10 a.m.
A thunderstorm of light intensity began at 4:12 p.m., moving from the north and ended at 6:50 p.m. It was accompanied by very light precipitation.
Elaine Stouffer, 21 years old, was struck and killed by lightning on the farm of Fred Cotner, two miles west of Woodburn, while operating a disc harrow. The entire vicinity about Woodburn experienced a heavy hail and electrical storm shortly after noon today.
A cloudy day with mild temperature.

Prepared by GCS
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY - 5 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	56	54	54	53	55	58	65	66	67	69	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear				×	Pt Cldy	
Sunrise: Time, Character,	4:33 Clear											
Moonrise:	12:27p Cloudy											
					.45	0.2						
Sunshine (in tenths of hours)					0	0.8	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	NW	W	W
Wind movement	4	3	3	4	5	5	4	4	5	8	8	10
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	72	72	73	73	71	69	66	64	62	61	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy				× Clear			
Sunrise: Time, Character,												
Moonrise:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.2					
Wind direction	SW	SW	W	W	W	W	SW	S	S	S	SW	SW
Wind movement	9	10	12	12	12	8	5	8	9	8	9	10
Maximum velocities (exceeding 24 miles) direction and time										Sunset: Time, Character, 6:41 Cloudy		
										Moonset: 11:06a		

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.1

Per cent of possible sunshine, 96

Prevailing wind direction, SW Total wind 175

Average hourly velocity, 7.3 Extreme velocity, 16

Maximum velocity, 16 Direction, W

Time began, 3:40 p.m.

Reduced barometer, 29.72 7 a. m. 29.71 7 p. m.

River gage, No reading. River below gage level

Relative humidity, 40 7 a. m. 39 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

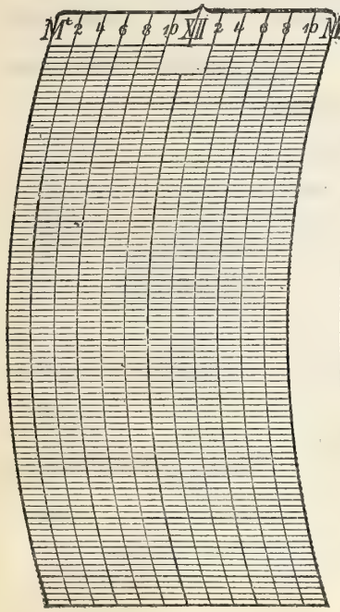
Dry temperature, 70.5 Wet temperature, 57.8

Dew-point, 41 R. humidity, 35 V. pressure, .256

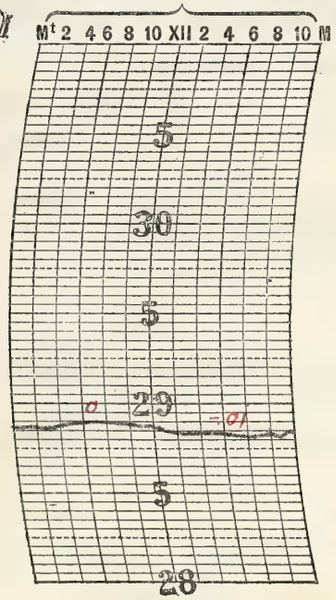
Clouds: Amount, 4 2; Kind, Cu Cu; Direction, NW NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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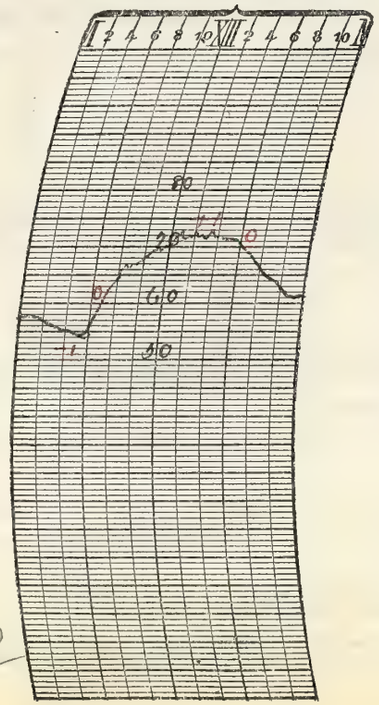


NOTES.

A pleasant day with scattering cloudy weather and mild temperature

Prepared by C.O.S.

Verified by C. M. Donough

8—480

Form No. 1012—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 6 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	59	60	61	62	65	67	69	71	72
State of weather. Nature of precipitation and time of beginning and ending			RB+E DNA									
Amounts of precipitation			T									
Cloudiness and other conditions					←			Pt Cloudy	×	Cloudy		
Sunrise: Time, Character,	4:32 Cloudy											
Moonrise:	1:39p Cloudy											
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	8	8	9	22	25	19	24	28	25	26
Maximum velocities (exceeding 22 miles) direction and time						35 SW 6:24	36 S 6:02		30 SW 8:45	34 SW 9:30	31 SW 10:22	30 SW 11:24

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	74	74	73	72	69	62	58	57	56	56	57
State of weather. Nature of precipitation and time of beginning and ending							RB 6:55	RE 7:50				
Amounts of precipitation							T	.01				
Cloudiness and other conditions							Pt Cloudy	×	Cloudy	Clear		
Sunset: Time, Character,									6:42 Cloudy			
Moonset:									1:45a —			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	0.2					
Wind direction	SW	W	W	W	W	SW	NW	NW	NW	SW	SW	W
Wind movement	26	21	20	22	19	18	15	9	5	9	11	13
Maximum velocities (exceeding 22 miles) direction and time	36 SW 12:45											

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 11.7 Possible sunshine, hours, 14.2

Per cent of possible sunshine, 82

Prevailing wind direction, SW Total wind 328

Average hourly velocity, 16.6 Extreme velocity, 44

Maximum velocity, 36 Direction, S

Time began, 6:02 a.m.

Reduced barometer, 29.64 7 a. m. 29.62 7 p. m.

River gage, No reading. River below gage level

Relative humidity, 62 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

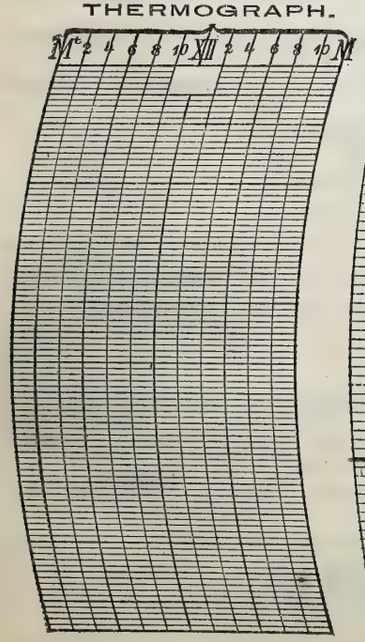
Dry temperature, 71.1 Wet temperature, 62.0

Dew-point, 47 R. humidity, 60 V. pressure, .465

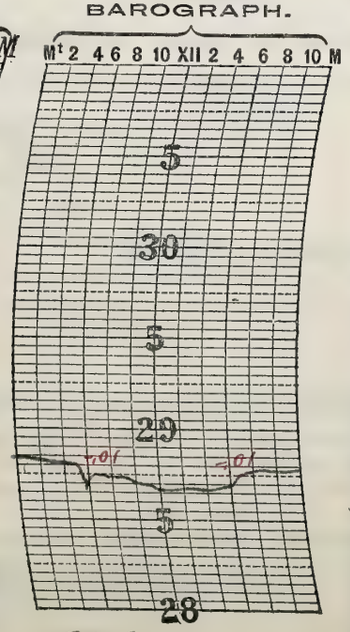
Clouds: Amount, 8; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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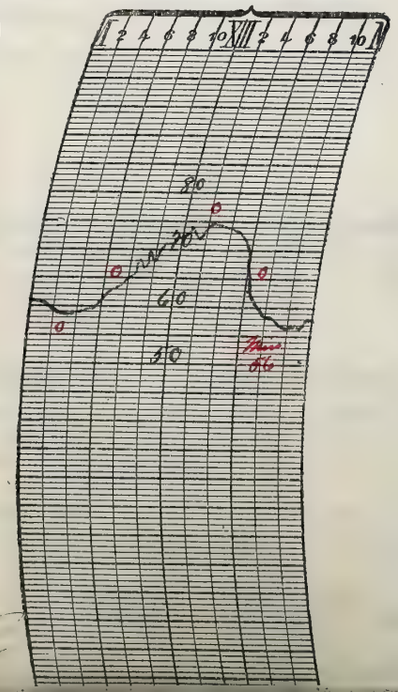


NOTES.

A partly cloudy and pleasant day with mild temperature.

Prepared by CDS

Verified by C. M. Donnigh

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY - 7 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	53	51	51	52	54	58	61	63	64	66
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunrise: Time, Character, 4:31 Clear												
Moonrise: 2:48p Clear												
Sunshine (in tenths of hours)					.38 a1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	NW	NW	W	NW	NW	W	NW	NW	NW
Wind movement	11	9	10	10	7	9	11	12	15	17	16	16
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	69	69	69	68	66	66	63	60	59	57	56
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunset: Time, Character, 6:43 Clear												
Moonset: 2:21a												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.12 0.6					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	O	NW	N
Wind movement	16	15	14	15	13	9	5	2	1	0	1	3
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

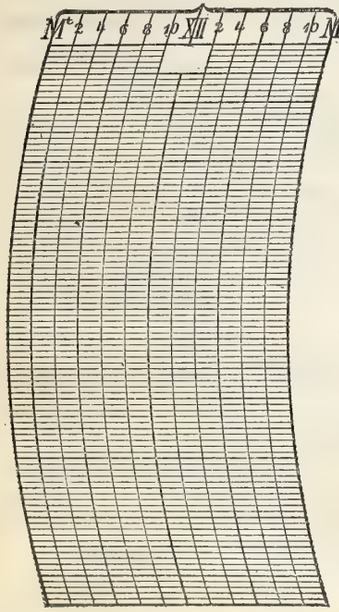
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	51	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 100
Prevailing wind direction, NW. Total wind 237
Average hourly velocity, 9.9 Extreme velocity, 22
Maximum velocity, 20 Direction, NW
Time began, 2:33 p. m.
Reduced barometer, 29.92 7 a. m. 29.08 7 p. m.
River gage, No reading. River below gage land
Relative humidity, 70 7 a. m. 50 7 p. m.

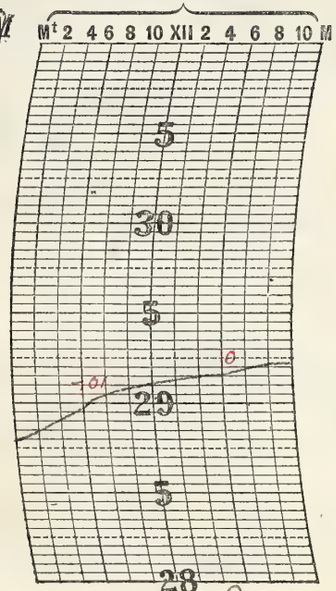
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.0 Wet temperature, 56.0
Dew-point, 50 R. humidity, 61 V. pressure, 29.0
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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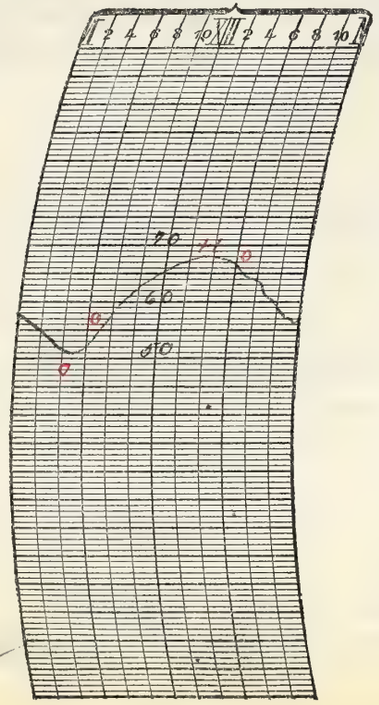


NOTES.

A clear and exhilarating day with fair westerly winds and moderate temperature

Prepared by EWS

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 8 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	52	51	50	53	55	61	64	66	67	69	70	70	71	70	70	68	67	61	59	57	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear			× Pt. Cloudy			× Cloudy ×					Pt. Cloudy								
Sunshine (in tenths of hours)					.30 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	N	N	N	E	E	E	SE	E	E	E	E	E	SE	E	E	E	SE	SE	SE	E	E	E	E	E
Wind movement	2	1	5	7	5	4	4	5	6	6	8	8	8	7	8	9	7	7	7	10	11	10	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:30; Character, Clear. Moonrise: 8:53p; Cloudy.

Sunset: Time, 6:44; Character, Cloudy. Moonset: 2:58a.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	50	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.2

Per cent of possible sunshine, 96

Prevailing wind direction, E Total wind 161

Average hourly velocity, 6.7 Extreme velocity, 12

Maximum velocity, 12 Direction, E

Time began, 7:40 p.m.

Reduced barometer, 30.23 7 a. m. 30.10 7 p. m.

River gage, No reading. River below gage level.

Relative humidity, 68 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

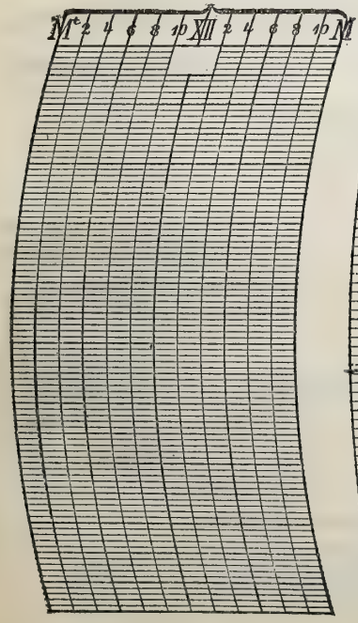
Dry temperature, 69.0 Wet temperature, 51.5

Dew-point, 34 R. humidity, 32 V. pressure, .195

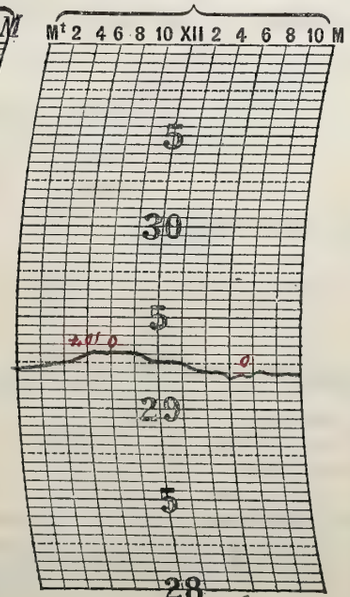
Clouds: Amount, 8; Kind, Ast; Direction, NW.

Velocity of clouds (miles per hour)

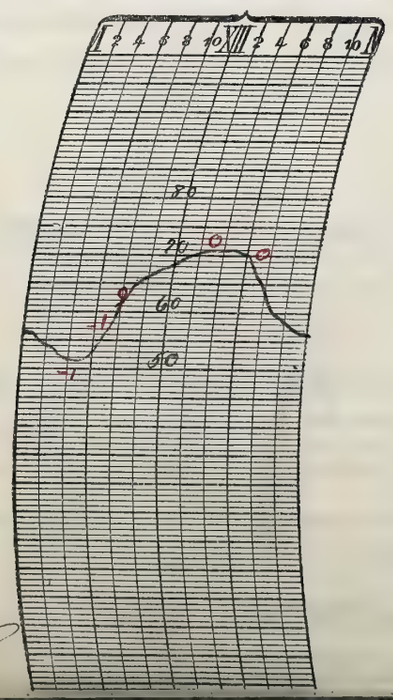
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A healthy cloudy day with moderate temperatures.

Prepared by C.C.S.

Verified by C. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY - 9 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	55	55	58	58	58	65	70	72	77	78
Nature of precipitation and time of beginning and ending					RB 4:30	—	RE 6:20					
Amounts of precipitation					T	.11	.02					
Cloudiness and other conditions					← Cloudy × PC Cloudy →							
Sunrise: Time, Character,	4:29 Cloudy											
Moonrise:	5:09 p Cloudy											
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	SE	SE	SE	SE	S	S	SE	S
Wind movement	7	8	6	7	7	11	5	4	6	6	5	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	83	80	80	78	75	69	69	68	67	66	65
Nature of precipitation and time of beginning and ending				RB 3:20 RE 3:25			RB 6:08	RE 7:20			RB 10:08	RE DNP
Amounts of precipitation				T			.09	T			.01	.03
Cloudiness and other conditions	× Cloudy →											
Sunset: Time, Character,									6:45 Cloudy			
Moonset:									9:35 a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7	0					
Wind direction	S	SW	SW	SW	S	E	E	NW	E	NE	E	E
Wind movement	6	8	13	6	3	6	8	5	6	7	4	6

Maximum velocities (exceeding 29 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	54	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .13 ins.; to 7 p. m., .09 ins.
Total precipitation, midnight to midnight, .26 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 10.7 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 75
Prevailing wind direction, E Total wind 156
Average hourly velocity, 6.5 Extreme velocity, 17
Maximum velocity, 16 Direction, S
Time began, 2:41 p.m.
Reduced barometer, 30.10 7 a. m. 29.99 7 p. m.
River gage, No reading. River below gage low
Relative humidity, 77 7 a. m. 86 7 p. m.

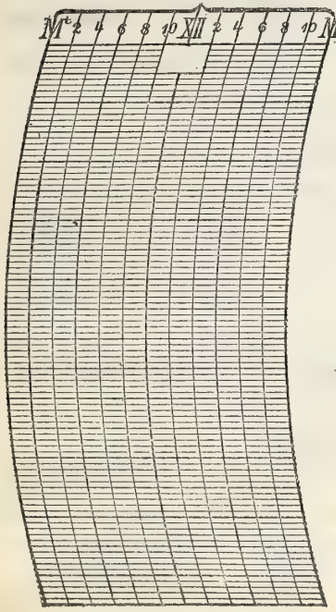
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

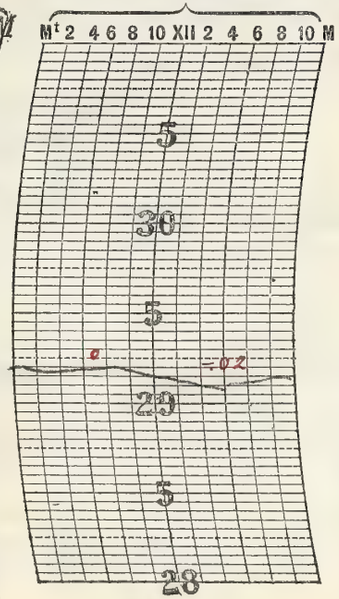
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 65.0
Dew-point, 58 R. humidity, 52 V. pressure, .482
Clouds: Amount, 7; Kind, ACu.; Direction, W.
Velocity of clouds (miles per hour)

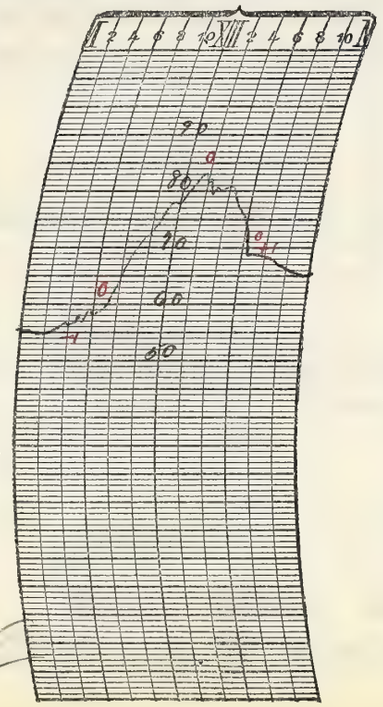
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began at 5:20 a.m. and ended at 6:15 a.m. The character of the storm was light and was accompanied by light precipitation.

A thunderstorm, light in character, moving from the west began at 6:08 p.m. and ended at 7:20 p.m.

A hazy and rather warm day the maximum temperature being the highest recorded to date this year.

Prepared by
Verified by J. McDonough

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 10 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	64	63	63	64	65	64	66	70	71	74
State of weather. Nature of precipitation and time of beginning and ending							RB 6:30	RE 7:18		RB 9:33		RE 11:12
Amounts of precipitation							T	T		T	T	T
Cloudiness and other conditions							Cloudy					Pt Cloudy
Sunshine (in tenths of hours)					0	0	0.4	0	0.6	1.0	1.0	1.0
Wind direction	E	E	E	E	SE	E	E	E	SE	S	S	S
Wind movement	5	8	7	6	4	6	6	5	5	4	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	78	78	77	76	75	72	70	69	68	67
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy				Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5					
Wind direction	SE	E	NE	E	E	E	E	E	E	E	E	E
Wind movement	3	3	8	6	5	7	4	3	4	4	4	2

Sunrise: Time, 4:28 Character, Cloudy
Moonrise: 6:18p Clear
Sunset: Time, 6:46 Character, Cloudy
Moonset: 4:14a

Maximum velocities (exceeding 40 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

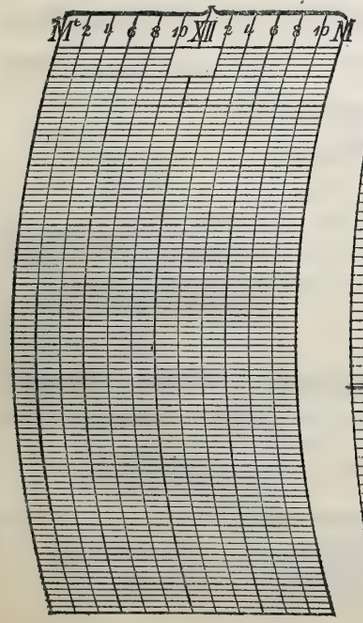
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	63	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.5 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 73
Prevailing wind direction, E Total wind 120
Average hourly velocity, 5.0 Extreme velocity, 10
Maximum velocity, 10 Direction, NE.
Time began, 12:59 a.m.
Reduced barometer, 30.08 7 a. m. 30.01 7 p. m.
River gage,
Relative humidity, 90 7 a. m. 66 7 p. m.

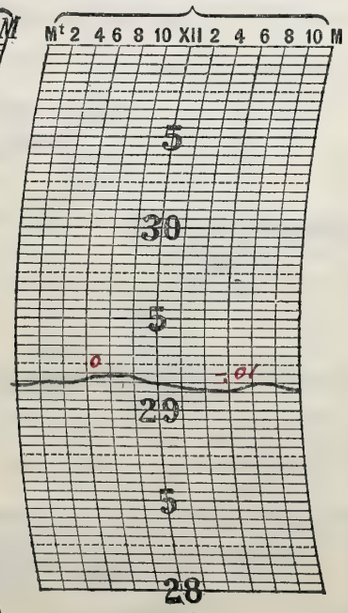
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.8 Wet temperature, 66.3
Dew-point, 64 R. humidity, 75 V. pressure, .595
Clouds: Amount, 4; Kind, AST; Direction, W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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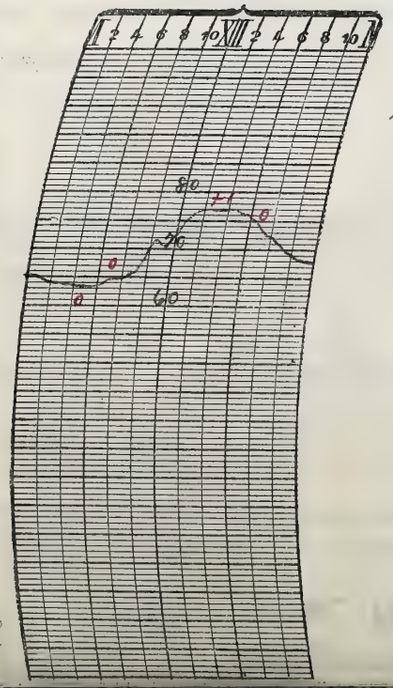


NOTES.

A very light thunderstorm moving from the west began at 10:00 a.m. and ended at 11:00 a.m. It was accompanied by light precipitation.

A partly cloudy and warm day.

Prepared by C. A. S.
Verified by J. M. Dorrance

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 11 1922, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	62	62	61	62	67	73	73	76	79	83
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunshine (in tenths of hours)					.55 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	S
Wind movement	1	2	3	4	1	3	2	2	5	4	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	85	81	78	80	77	77	74	72	71	70	69
Nature of precipitation and time of beginning and ending				RB 3:30 RE 3:33								
Amounts of precipitation				T								
Cloudiness and other conditions	→ Pt. Cloudy						→ Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6					
Wind direction	S	SW	NE	W	SW	SW	S	SE	S	SW	SW	SW
Wind movement	4	4	4	11	6	4	3	2	3	5	5	8

Sunrise: Time, 4:22 Character, Clear
Moonrise: 7:34p Clear
Sunset: Time, 6:42 Character, Clear
Moonset: 4:58a Clear

State of weather.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	60	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, Full 11-12:06a.
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.3 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 97
Average hourly velocity, 4.0 Extreme velocity, 16
Maximum velocity, 16 Direction, SW
Time began, 3:26 p.m.
Reduced barometer, 30.03 7 a. m. 29.87 7 p. m.
River gage,
Relative humidity, 84 7 a. m. 62 7 p. m.

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

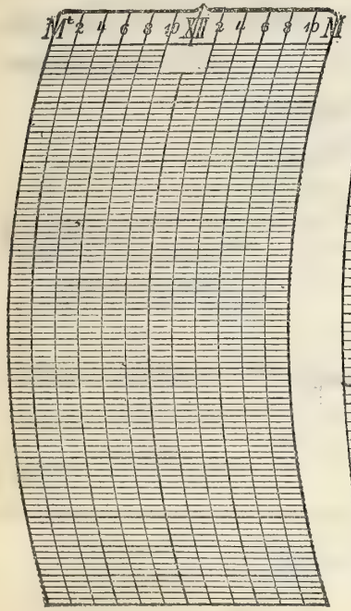
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

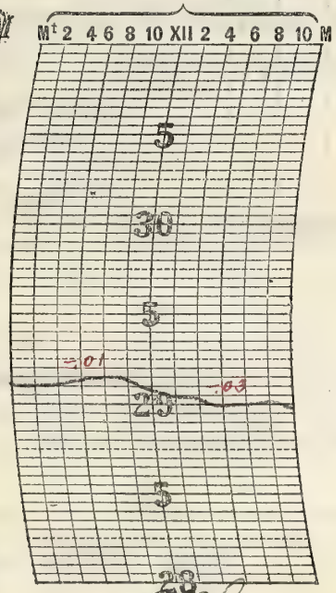
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 69.0
Dew-point, 63 R. humidity, 52 V. pressure, .575
Clouds: Amount, 3; Kind, Cu.; Direction, N.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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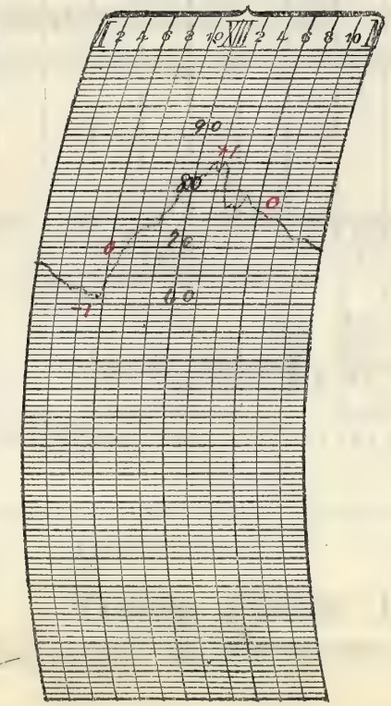


NOTES.

A thunderstorm moving from the west and of light intensity began at 3:10 pm and ended at 4:30 pm.

A clear day and with the warmest weather of the year to date

Prepared by

Verified by C. McDonough

8—436

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 12 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	66	65	68	70	75	78	80	82	68
State of weather: Nature of precipitation and time of beginning and ending												RB 11:54
Amounts of precipitation												T
Cloudiness and other conditions					Clear						Mdy	
Sunshine (in tenths of hours)					0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW
Wind movement	4	4	4	5	5	6	5	6	8	7	7	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	69	70	70	68	67	66	64	62	61	59
State of weather: Nature of precipitation and time of beginning and ending	HR 12:55			RB 3:00 HE 3:10						RB 9:30 RE 9:50		
Amounts of precipitation	.17			T						T		
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0.3	1.0	1.0	0.5	0.6	0.6	0					
Wind direction	NW	NE	NE	E	SE	SE	E	SE	E	E	E	E
Wind movement	10	7	9	8	3	4	2	4	4	6	4	6

Sunrise: Time, 4:26a Character, Clear
Moonrise: 8:26p Cloudy
Sunset: Time, 6:49 Character, Cloudy
Moonset: 5:44a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

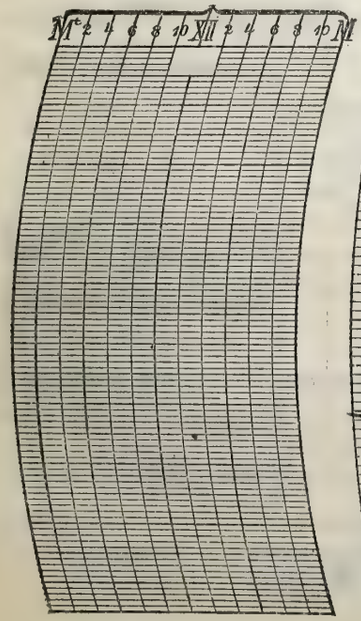
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	59	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .17 ins.
Total precipitation, midnight to midnight, .17 inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 11.6 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 81
Prevailing wind direction, SW Total wind 145
Average hourly velocity, 6.8 Extreme velocity, 30
Maximum velocity, 27 Direction, W
Time began, 12:03 p.m.
Reduced barometer, 29.85 7 a. m. 29.85 7 p. m.
River gage, 11.9 Feet
Relative humidity, 72 7 a. m. 76 7 p. m.

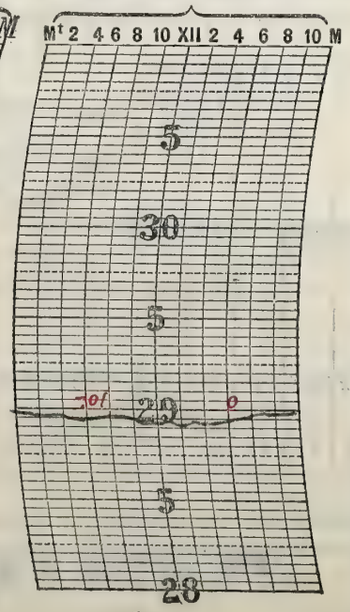
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 67.0
Dew-point, 61 R. humidity, 57 V. pressure, .536
Clouds: Amount, 9; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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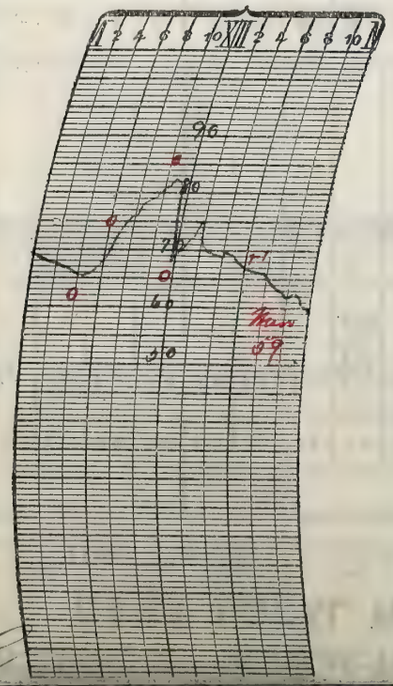


NOTES.

A thunderstorm moving from the west began at 12:00 Noon and ended at 12:55 pm

A partly cloudy day with moderate temperatures

Prepared by C. M. Sherwood

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 13 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	56	56	56	58	59	64	67	69	70	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy × pl Clear							
Sunshine (in tenths of hours)					0	0.6	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	NW	NW	NW	NW	NW
Wind movement	4	3	4	3	2	1	2	5	7	12	16	18

Sunrise: Time, 4:25 Character, Cloudy
Moonrise: 9:22 p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	69	69	68	67	66	63	61	58	58	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	17	18	17	16	15	10	6	5	5	4	3	3

Sunset: Time, 6:50 Character, Cloudy
Moonset: 6:35 a Cloudy

Maximum velocities (exceeding 27 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	56	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.0 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 90
Prevailing wind direction, NW Total wind 196
Average hourly velocity, 8.2 Extreme velocity, 23
Maximum velocity, 21 Direction, NW
Time began, 12:31 p.m.
Reduced barometer 29.93 7 a. m. 29.94 7 p. m.
River gage, 11.4 Feet
Relative humidity, 83 7 a. m. 41 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

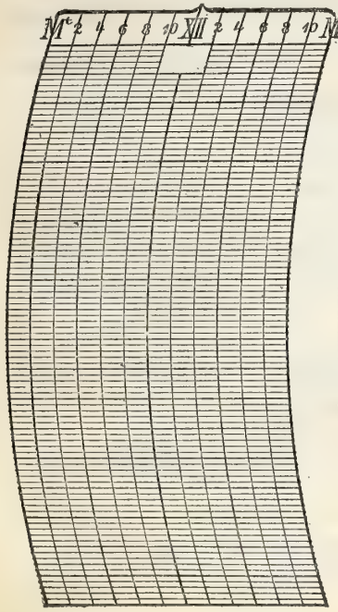
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

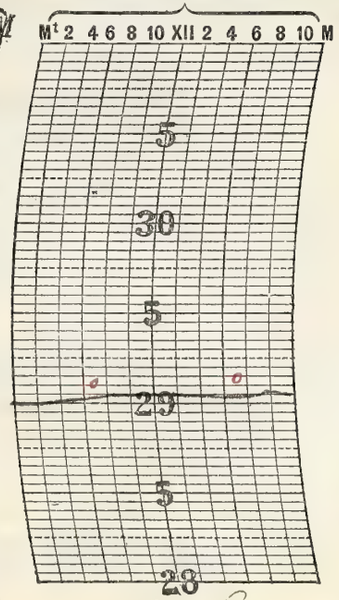
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.5 Wet temperature, 57.0
Dew-point, 46 R. humidity, 42 V. pressure, .310
Clouds: Amount, 1; Kind, Cu.; Direction, N.
Velocity of clouds (miles per hour)

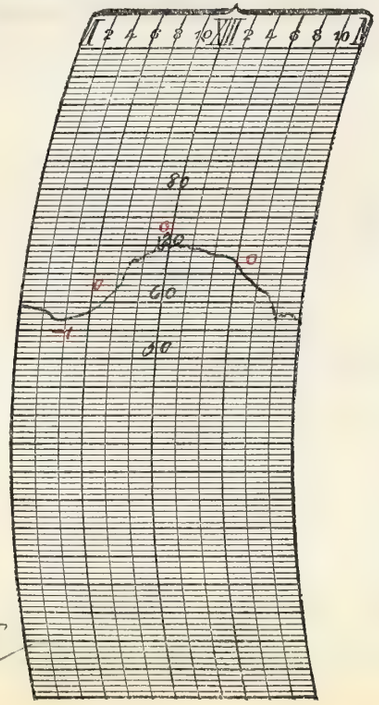
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day.

Prepared by CCS
Verified by C. M. Donough

8—480

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 1 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	52	51	56	59	66	68	69	70	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←					Clear		
Sunshine (in tenths of hours)					.40 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	E	E	E	NW	NW	NW	NW
Wind movement	3	6	4	3	2	3	1	3	3	5	5	6
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:24 Character, Clear
Moonrise: 10:12p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	74	71	71	70	68	67	66	61	59	58	57
State of weather: Nature of precipitation and time of beginning and ending								RB 7:02 RE 7:03				
Amounts of precipitation								T				
Cloudiness and other conditions		←	Pt. Cloudy			←	Cloudy	×H	Clear	Clear	→	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	NW	N	N	NE	N	NE	NW	N	N	W	NW	W
Wind movement	7	7	7	8	5	5	5	3	5	12	11	7
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 6:51 Character, Cloudy
Moonset: 7:28a Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	51	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, — inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.2 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 92
Prevailing wind direction, NNW Total wind 126
Average hourly velocity, 5.2 Extreme velocity, 17
Maximum velocity, 15 Direction, SW
Time began, 9:02 pm.
Reduced barometer, 29.99 7 a. m. 30.00 7 p. m.
River gage, 10.4 Feet
Relative humidity, 64 7 a. m. 55 7 p. m.

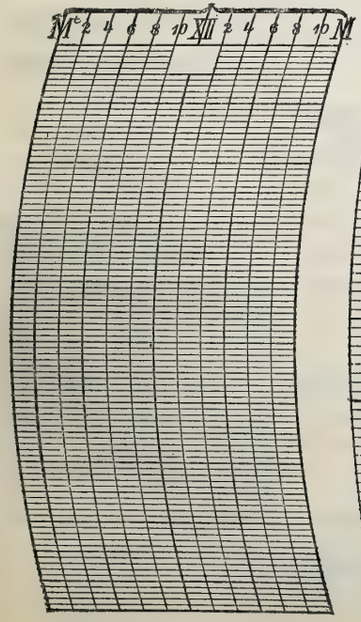
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

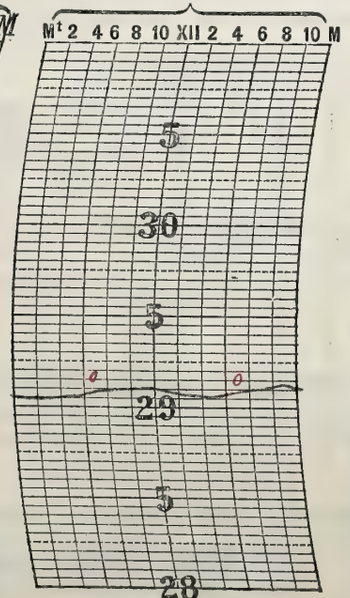
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.9 Wet temperature, 57.3
Dew-point, 47 R. humidity, 42 V. pressure, 32.2
Clouds: Amount, 2; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

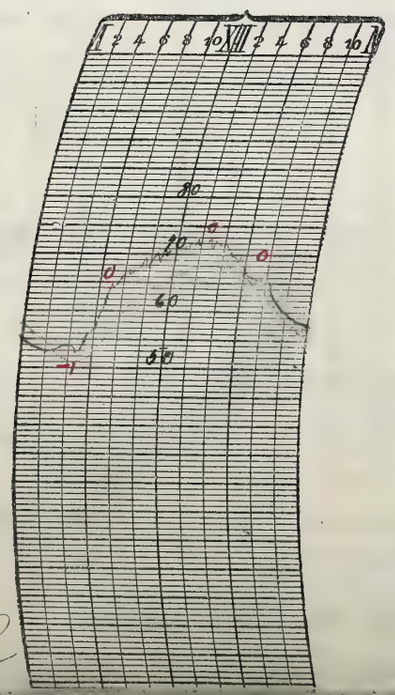
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and very exhilarating day.

Prepared by CCS

Verified by C. M. Demorough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 15 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	55 RBFE	54 DNA	55	56	59	61	64	66	70	65 RB 12:32 HE 12:36	65 RB 1:30	62 RE 2:40	62	62	63	64	61	60	58	57	56
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation				T	.01								T	T	.01									
Cloudiness and other conditions	← Cloudy →												× Pt Cloudy →											
													× Cloudy →											
													× Pt Cloudy →											
													× Clear											
Sunshine (in tenths of hours)					0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.5	1.0	1.0	1.0	.37 0.5					
Wind direction	NV	NW	NW	N	NW	NE	NE	NW	N	NE	E	SE	N	N	NW	SE	NE	NE	W	E	S	S	E	S
Wind movement	9	15	11	11	9	3	2	3	6	4	5	4	8	7	8	5	6	6	3	3	3	2	2	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:23 Character, Cloudy
Moonrise: 10:55 P Cloudy
Sunset: Time, 6:52 Character, Clear
Moonset: 8:35 a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

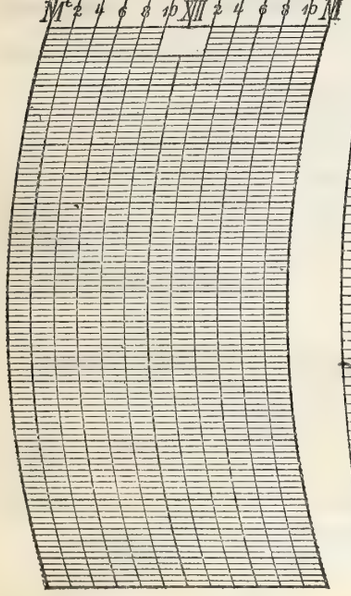
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	54	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 10.9 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 75
Prevailing wind direction, NE+NW. Total wind 136
Average hourly velocity, 5.7 Extreme velocity, 21
Maximum velocity, 19 Direction, NW
Time began, 1:27 a.m.
Reduced barometer, 30.06 7 a. m. 30.02 7 p. m.
River gage,
Relative humidity, 82 7 a. m. 58 7 p. m.

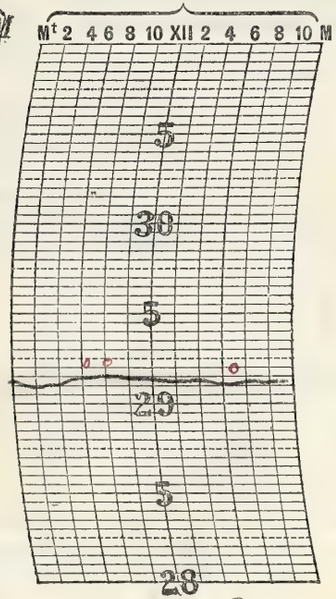
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.3 Wet temperature, 58.3
Dew-point, 50 R. humidity, 48 V. pressure, 36.0
Clouds: Amount, 6; Kind, Cu; Direction, NW.
Velocity of clouds (miles per hour)

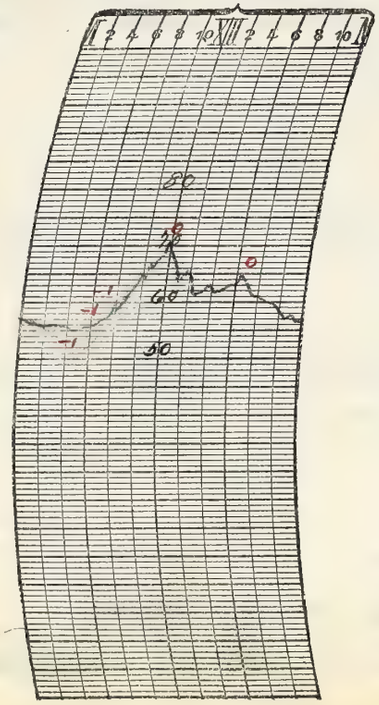
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by
Verified by P. M. Donovan

8—486

NOTES.

Eye observation

A thunderstorm of light intensity moving from the west began at 1:30 p.m. and ended 2:40 p.m.

A cloudy day with moderate temperatures

Form No. 1011 Rev. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 16 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	53	52	54	59	64	67	68	69	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear						Pt Cloudy					
Sunshine (in tenths of hours)					0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	0	SW	SW	SW	SW	S	S	SW
Wind movement	3	3	1	2	0	2	3	5	4	6	5	7

Sunrise: Time, 4:22 Character, Cloudy
Moonrise: 11:34p

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	72	73	72	72	69	68	68	65	64	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.4					
Wind direction	S	S	S	S	S	S	SE	SE	SE	SE	SW	SW
Wind movement	7	6	9	5	5	4	4	4	4	5	2	3

Sunset: Time, 6:52 Character, Cloudy
Moonset: 9:22a Cloudy

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

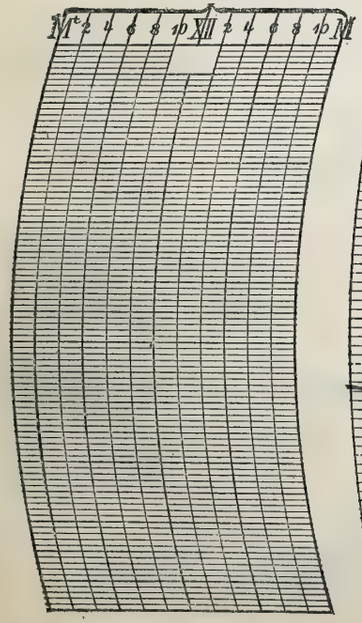
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	52	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 94
Prevailing wind direction, S Total wind 99
Average hourly velocity, 4.1 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 2:42 p.m.
Reduced barometer, 30.05 7 a. m. 29.84 7 p. m.
River gage,
Relative humidity, 76 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.7 Wet temperature, 57.1
Dew-point, 46 R. humidity, 42 V. pressure, .310
Clouds: Amount, 2; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



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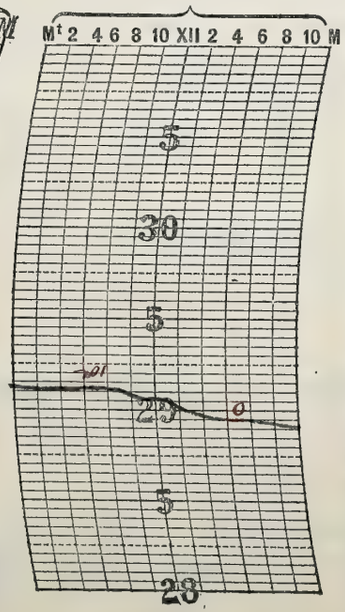
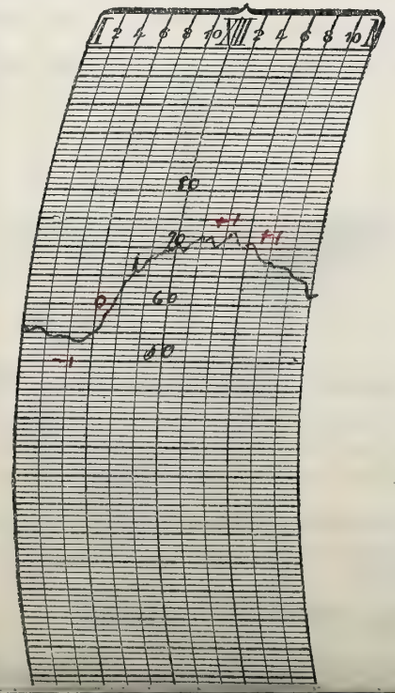


THERMOGRAPH.



NOTES.

A pleasantly cloudy day with moderate temperature

Prepared by C.O.S.
Verified by C. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 17 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	58	56	56	56	57	59	61	63	63	65	64
				ABE DNA								RB 11:40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				T								T
Cloudiness and other conditions									Cloudy			

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	62	61	60	60	59	59	58	57	56	55
					RE 3:00		RB 6:20 RE 6:35					
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.04	.01	T	.03	.03		T					
Cloudiness and other conditions				Cloudy								

Sunrise: Time, 4:21 Character, Cloudy
Moonrise: —

Sunset: Time, 6:53 Character, Cloudy
Moonset: 10:18a Cloudy

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	N	NE	NE	N	E	SE	SE	SE	SE	S	SW
Wind movement	6	4	4	3	2	4	4	8	9	9	10	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)	0	0	0	0	0	0.8	0					
Wind direction	SW	SW	SW	SW	E	E	E	E	E	SE	SE	S
Wind movement	5	5	2	3	4	5	5	3	3	3	6	4
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

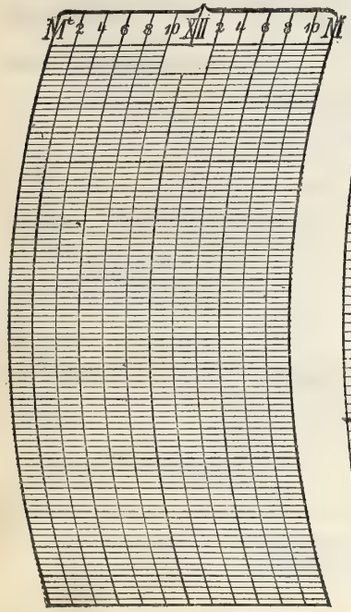
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	55	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 6.2 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 43
Prevailing wind direction, E. + SE Total wind 117
Average hourly velocity, 4.9 Extreme velocity, 13
Maximum velocity, 12 Direction, SW
Time began, 10:34 a.m.
Reduced barometer, 29.23 7 a. m. 29.64 7 p. m.
River gage, 6.2 Feet
Relative humidity, 90 7 a. m. 88 7 p. m.

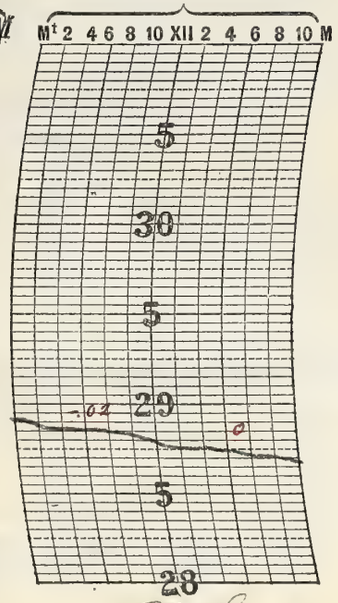
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.0 Wet temperature, 60.0
Dew-point, 58 R. humidity, 72 V. pressure, .182
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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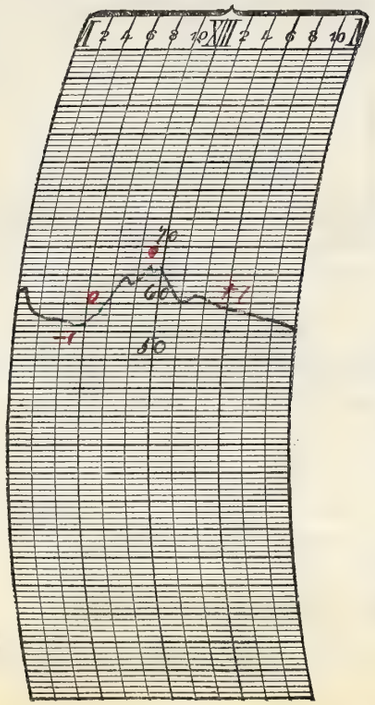


NOTES.

A thunderstorm of light intensity moving from the west began at 12:00 pm, and ended at 12:30 p.m.
A cloudy day with moderate temperatures and light rain in the afternoon.

Prepared by
Verified by J. M. Yourough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 18 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	53	52	51	53	55	57	63	64	65	63
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Cloudy				
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	0.9
Wind direction	S	S	S	S	S	E	SE	S	S	SE	S	SE
Wind movement	4	5	2	2	2	3	3	4	4	5	3	10

Sunrise: Time, 4:20 Character, Cloudy
Moonrise: 12:08a ——

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58 RB 12:00	59 RE 1:56	59	60	58 RB 4:16	57	56	55	55	54	54	53
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.23	.07			T	.10	.03	T	.01	.21	.18	.02
Cloudiness and other conditions							Cloudy					→
Sunshine (in tenths of hours)	0	0.1	1.0	1.0	0.3	0	0					
Wind direction	W	W	SW	SW	E	E	NE	NE	NE	NW	W	W
Wind movement	6	3	6	4	4	4	3	4	4	5	12	13

Sunset: Time, 6:54 Character, Cloudy
Moonset: 11:15a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	51	58	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .43 ins.
Total precipitation, midnight to midnight, .85 inches.
Character of day, Cloudy Moon phase, 4.9. 12.17p
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.7 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 53
Prevailing wind direction, S Total wind 117
Average hourly velocity, 4.9 Extreme velocity, 14
Maximum velocity, 14 Direction, W.
Time began, 10:46 p.m.
Reduced barometer, 29.48 7 a. m. 29.32 7, p. m.
River gage, 7.1 Feet
Relative humidity, 91 7 a. m. 91 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

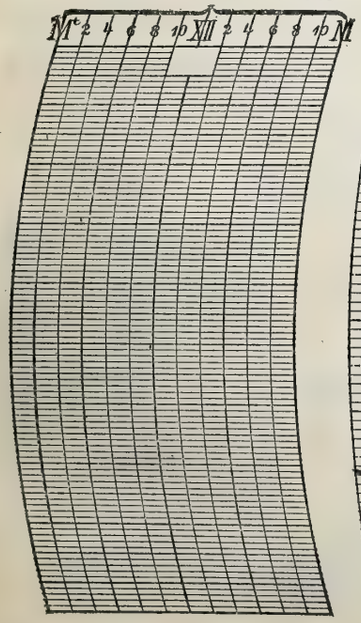
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

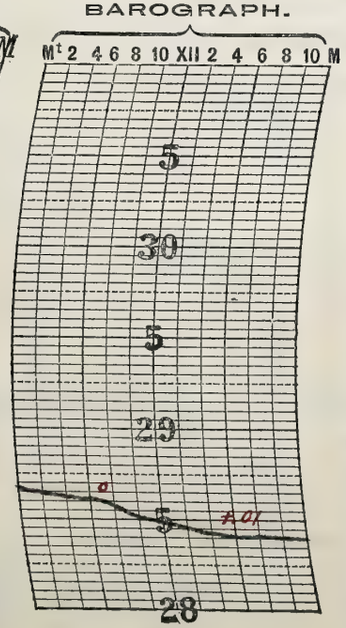
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.9 Wet temperature, 56.0
Dew-point, 53 R. humidity, 72 V. pressure, .402
Clouds: Amount, 9; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

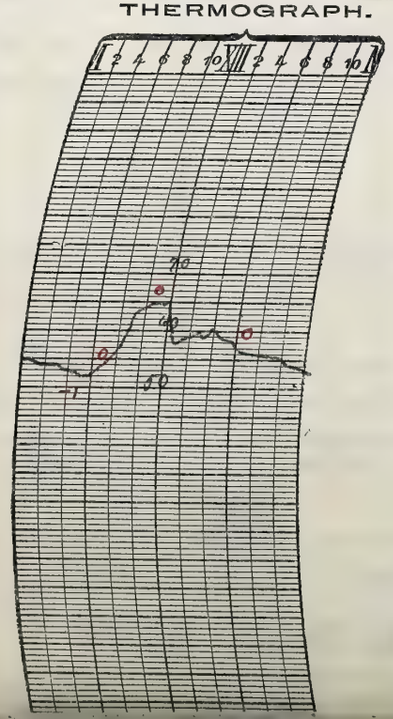
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm of moderate intensity moving from the west began at 12:00 p.m. and ended at 1:56 p.m.

A cloudy day with moderate temperatures.

Prepared by CCS
Verified by T. M. Kavanagh.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 19 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	52	52	52	53	53	54	54	54	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.03	.01	.01	.01	.10	.06	.09	.05	.01	.02	.10	.03
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.2	0
Wind direction	W	W	W	W	W	W	W	SW	SW	W	W	SW
Wind movement	11	13	13	13	14	20	18	19	21	23	22	22

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	52	53	53	53	54	54	55 (7:15, 9:30)	55	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.06	.06	.04	.04	.02	.03	.03	.01	.01	T		
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	24	23	26	25	24	22	20	17	15	12	12	14

Sunrise: Time, 4:19 Character, Cloudy

Moonrise: 12:39a

Sunset: Time, 6:55 Character, Cloudy

Moonset: 12:11p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	52	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .72 ins.; to 7 p. m., .50 ins.

Total precipitation, midnight to midnight, .82 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.2 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 1

Prevailing wind direction, SW Total wind 443

Average hourly velocity, 18.5 Extreme velocity, 30

Maximum velocity, 29 Direction, SW

Time began, 2:05 p.m.

Reduced barometer, 29.21 7 a. m. 29.60 7 p. m.

River gage, 10.0 feet

Relative humidity, 94 7 a. m. 97 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

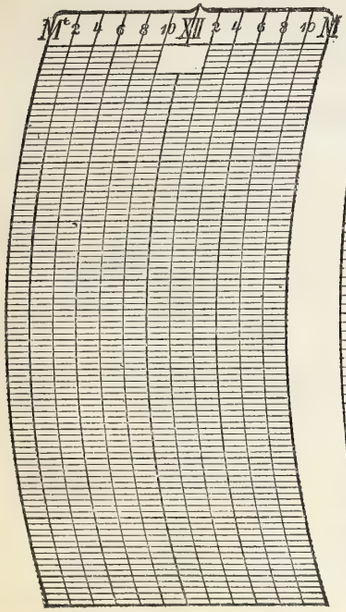
Dry temperature, 53.6 Wet temperature, 52.6

Dew-point, 52 R. humidity, 94 V. pressure, .387

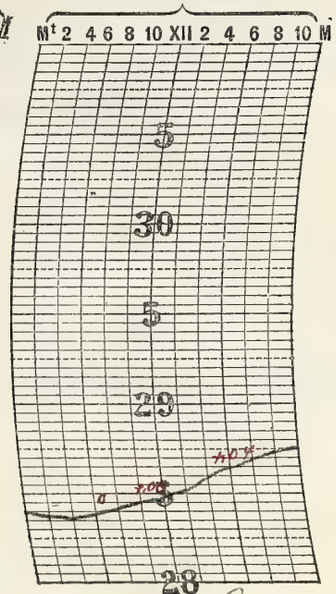
Clouds: Amount, 10; Kind, NB; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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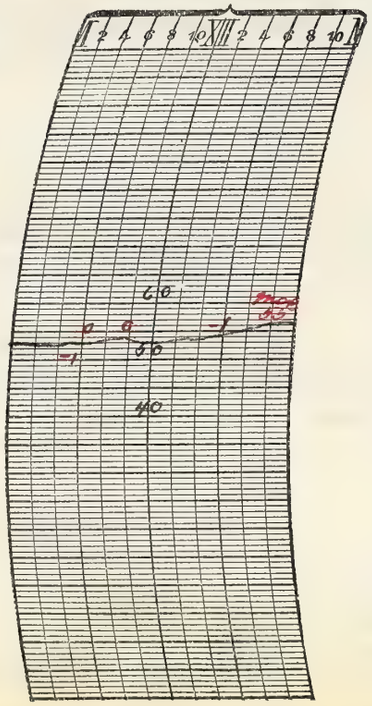


NOTES.

Special 12:00 Noon (75th Meridian Time) observation called for by Chicago.

A cloudy and chilly day with rain and very blustery winds.

Prepared by CCS

Verified by O. M. Monroe

8—483

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 20 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	56	56	57	57	58	59	61	64	67
State of weather: Nature of precipitation and time of beginning and ending								RB 7:30	RE 8:10			
Amounts of precipitation								T	T			
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character, 4:18 Cloudy												
Moonrise: 1:10a												
Sunshine (in tenths of hours)					0	0	0	0.1	0	0	0	1.0
Wind direction	W	W	SW	SW	W	W	W	W	W	W	NW	NW
Wind movement	10	10	11	10	10	10	10	11	11	13	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	70	71	69	68	68	64	63	61	60	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				Pt. Cldy			Clear				
Sunset: Time, Character, 6:06 Clear												
Moonset: 1:02a Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.53 .04					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	NW	NW
Wind movement	14	13	13	13	11	8	6	5	5	6	5	5

Maximum velocities (exceeding 29 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	55	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.0 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 55
Prevailing wind direction, NW Total wind 234
Average hourly velocity, 9.8 Extreme velocity, 17
Maximum velocity, 16 Direction, NW
Time began, 12:15 pm.
Reduced barometer, 29.83 7 a. m. 29.94 7 p. m.
River gage, 14.4 Feet
Relative humidity, 94 7 a. m. 69 7 p. m.

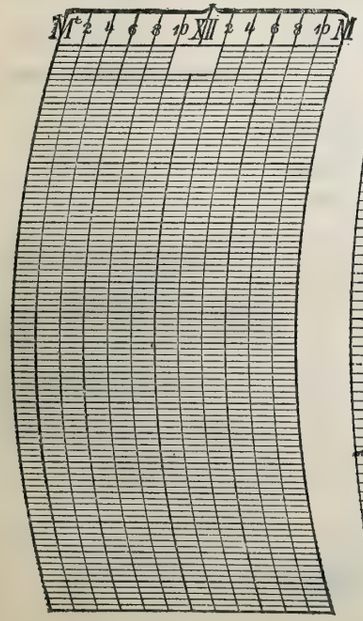
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

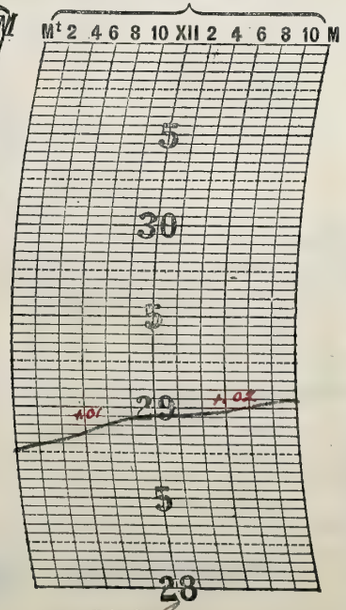
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.4 Wet temperature, 59.9
Dew-point, 55 R. humidity, 68 V. pressure, .432
Clouds: Amount, 9; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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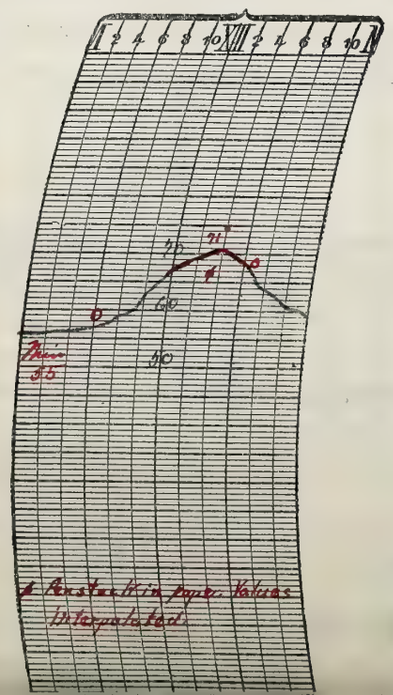


* Values interpolated.

* Rectaction paper. Values interpolated.

NOTES.

A cloudy day with moderate temperatures

Prepared by

Verified by P. M. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 21 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	55	55	57	59	64	67	68	69	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy →								— Pt. Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	N	N	E	E	E	E	E
Wind movement	5	4	3	2	3	5	4	7	9	8	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	74	73	72	71	69	65	63	61	60	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	— Clear →											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.65 0.3					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	8	10	10	10	9	6	6	9	9	8	5

Sunrise: Time, 4:18 Character, Cloudy
Moonrise: 1:38a
Sunset: Time, 6:57 Character, Clear
Moonset: 2:04p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

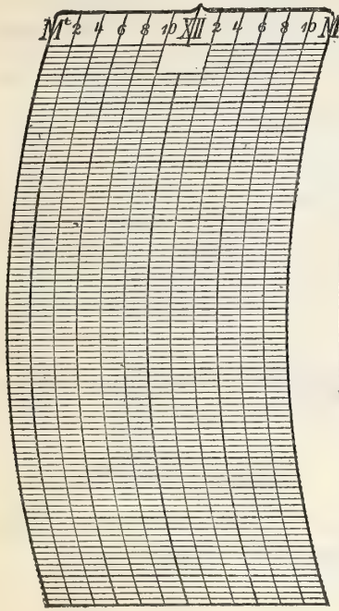
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.8 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 81
Prevailing wind direction, E Total wind 163
Average hourly velocity, 6.8 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 4:48 p.m.
Reduced barometer, 30.10 a. m. 30.09 p. m.
River gage, 14.6 Feet
Relative humidity, 92 a. m. 78 p. m.

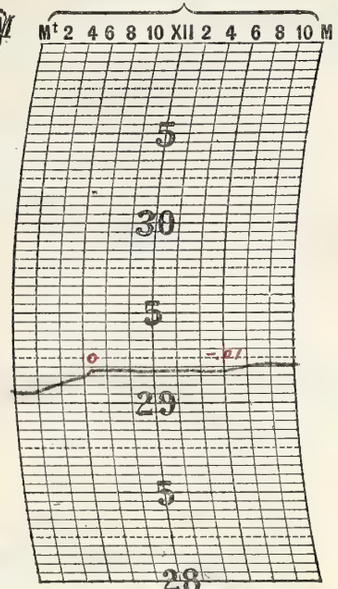
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.0 Wet temperature, 65.0
Dew-point, 62 R. humidity, 73 V. pressure, 55.3
Clouds: Amount, 7; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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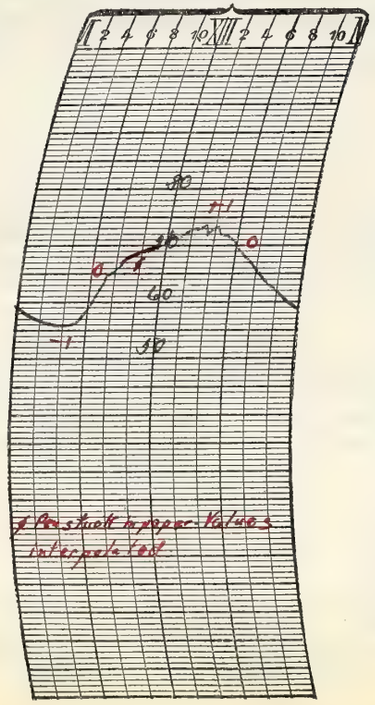


* Values interpolated

NOTES.

A fairly cloudy and pleasant day with moderate temperatures

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 27 1912, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	53	53	55	58	60	63	65	67	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunrise: Time, Character,	4:12 Clear											
Moonrise:	2:08a											
Sunshine (in tenths of hours)					.72 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	NE	NE	NE	E	E	E	E	E	E
Wind movement	6	2	3	6	4	6	9	11	8	8	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	72	72	71	68	66	63	61	60	58	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear				Pt Cloudy					
Sunset: Time, Character,									6:58 Cloudy			
Moonset:									8:02p Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	10	13	12	11	12	12	11	9	8	8	7	6

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

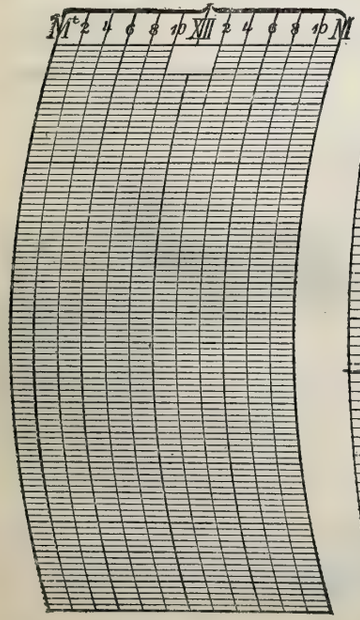
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.8 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 94
Prevailing wind direction, E Total wind 202
Average hourly velocity, 8.4 Extreme velocity, 16
Maximum velocity, 15 Direction, E
Time began, 5:14 p.m.
Reduced barometer, 30.10 7 a. m. 30.10 7 p. m.
River gage, 12.5 Feet
Relative humidity, 82 7 a. m. 66 7 p. m.

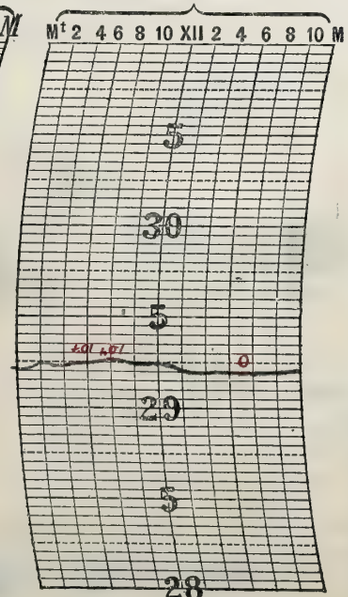
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 60.0
Dew-point, 55 R. humidity, 63 V. pressure, .432
Clouds: Amount, 2; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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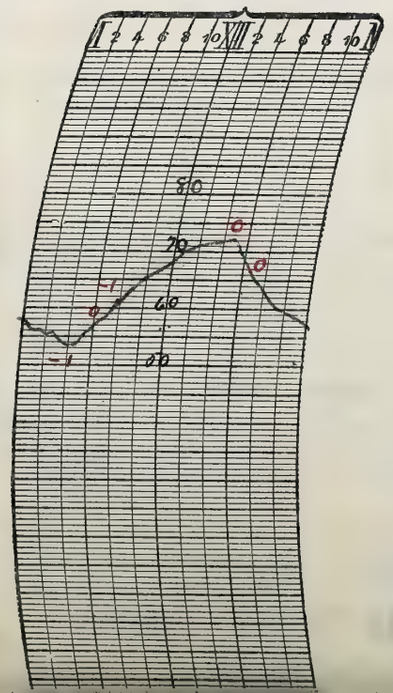


NOTES.

A clear day with moderate temperatures.

Prepared by CCS

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 23 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	54	54	53	55	58	63	67	70	74	76
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	NE	E	NE	E	E	E	E	E	E	E
Wind movement	9	7	8	7	8	9	9	11	10	8	9	11

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	79	79	78	72	75	73	70	69	67	65	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	11	11	11	8	8	7	11	11	12	7	6	5

Pt Cloudy — Pt. Cloudy — Cloudy

Sunrise: Time, 4:16 Character, Cloudy
Moonrise: 2:38a
Sunset: Time, 6:59 Character, Cloudy
Moonset: 3:39p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

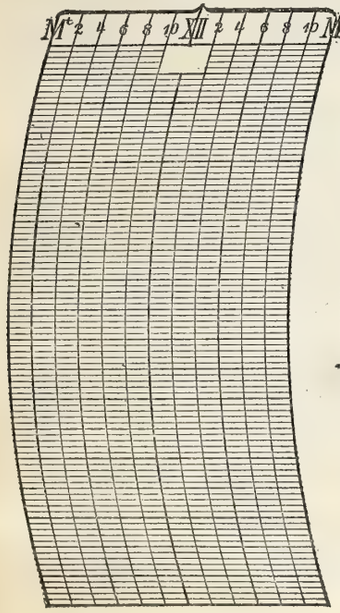
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10), 7
Actual sunshine, hours, 10.7 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 73
Prevailing wind direction, E Total wind 214
Average hourly velocity, 8.9 Extreme velocity, 16
Maximum velocity, 15 Direction, E
Time began, 2:41 p.m.
Reduced barometer, 30.11 7 a. m. 30.07 7 p. m.
River gage, 10.8 Feet.
Relative humidity, 82 7 a. m. 69 7 p. m.

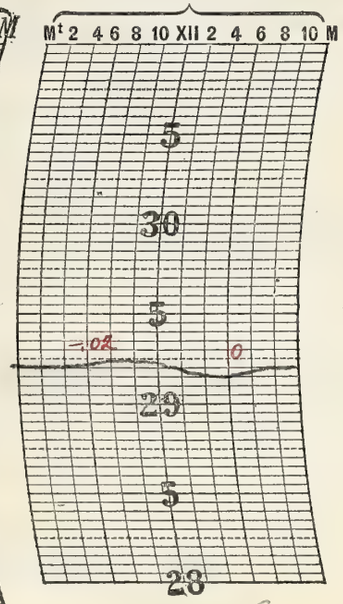
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.8 Wet temperature, 66.2
Dew-point, 61 R. humidity, 61 V. pressure, .536
Clouds: Amount, 8; Kind, ASt; Direction, NW.
Velocity of clouds (miles per hour)

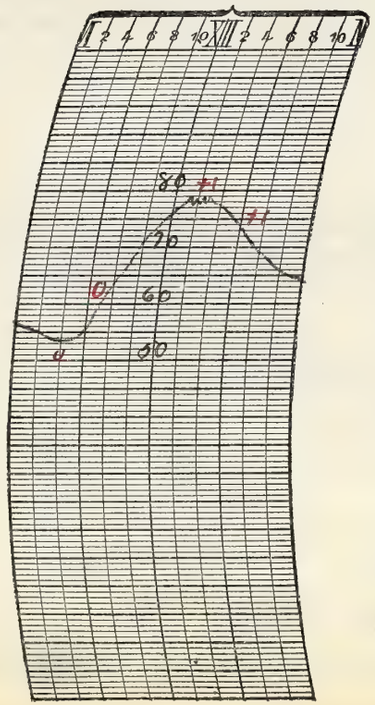
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderately warm weather

Prepared by CCB

Verified by C. M. Donough

8—136

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 24 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	60	59	60	60	61	63	65	68	72	76	78
State of weather. Nature of precipitation and time of beginning and ending		RB 1:08	RE DNR									
Amounts of precipitation		.13	.07									
Cloudiness and other conditions												
Sunrise: Time, 4:15 Character, Cloudy												
Moonrise: 3:10a												
Sunshine (in tenths of hours)					0	0	0.2	0.6	1.0	1.0	1.0	1.0
Wind direction	NE	E	E	E	E	E	E	E	E	E	SE	SE
Wind movement	4	7	7	4	4	4	5	4	5	5	4	4

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	78	74	74	70	67	67	67	66	66	67	67	67
State of weather. Nature of precipitation and time of beginning and ending		RB 1:00	RE 2:30	RB 3:25		RE 5:20						
Amounts of precipitation		.03	.04	.01	.13	.01						
Cloudiness and other conditions												
Sunset: Time, 7:00 Character, Cloudy												
Moonset: 4:59p Cloudy												
Sunshine (in tenths of hours)	1.0	0	0.5	0	0	0	0					
Wind direction	SE	S	SW	SE	S	E	E	E	SE	SE	SE	SE
Wind movement	6	4	3	6	8	4	5	3	4	3	1	4

Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .42 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.3 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 43
Prevailing wind direction, E Total wind 107
Average hourly velocity, 4.5 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 2:10 a.m.
Reduced barometer, 30.05 7 a. m. 30.10 7 p. m.
River gage, 9.5 Feet.
Relative humidity, 92 7 a. m. 90 7 p. m.

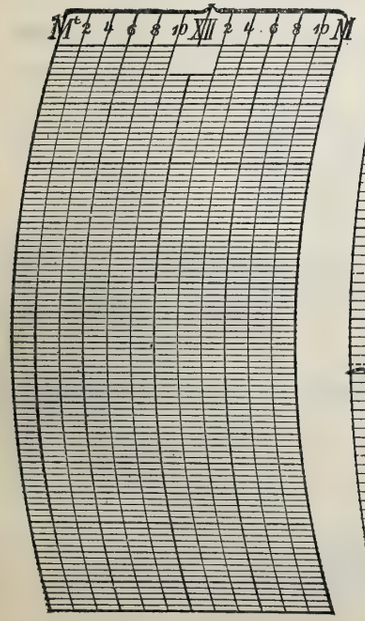
Maximum velocities (exceeding 29 miles) direction and time	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

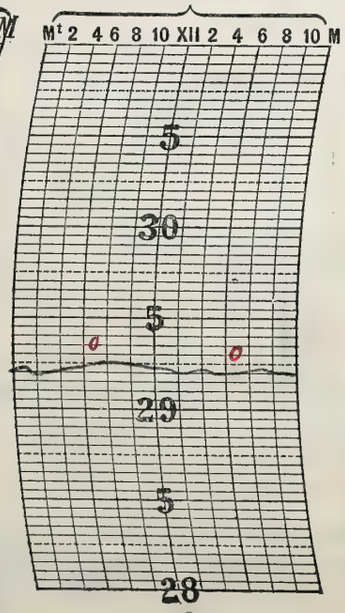
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.8 Wet temperature, 71.2
Dew-point, 68 R. humidity, 69 V. pressure, .684
Clouds: Amount, 8; Kind, ASt; Direction, NW.
Velocity of clouds (miles per hour)

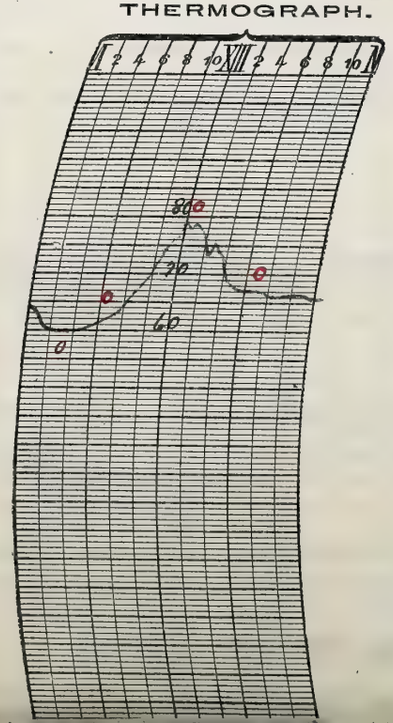
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm of moderate intensity accompanied by light rain began at 1:08 a.m., and ended D.N.A. The direction of travel is unknown.

A thunderstorm of light intensity, moving from the west began at 2:30 p.m., and ended at 5:20 p.m. It was accompanied by light rain.

A cloudy and sultry day with occasional light showers.

Prepared by EOS

Verified by P. M. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 25 1908, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68 HB 12:30	67	67	66	66	66 RE 5:30	67	70	71	71 HB 9:40	72	74 RE 11:10
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.11	T	T	T	T	.17				T	T	.01
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0.3	0.7	1.0	1.0	0.6	1.0
Wind direction	SE	SE	SE	SE	SE	SE	E	S	S	S	S	SE
Wind movement	7	4	3	3	5	4	2	5	5	7	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71 HB 12:42	72	72	73	71	71	70	68 RE 7:25	67	66	65	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.02	.05	.02	T	T	T	.01	T				
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.3	0.2	0.4	1.0	0.4	0	0	0				
Wind direction	S	VV	E	E	SE	SE	SE	SE	SE	SE	N	E
Wind movement	7	3	4	5	4	5	7	7	3	4	3	2

Sunrise: Time, 4:15 Character, Cloudy
Moonrise: 3:46a
Sunset: Time, 7:01 Character, Cloudy
Moonset: 5:58p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

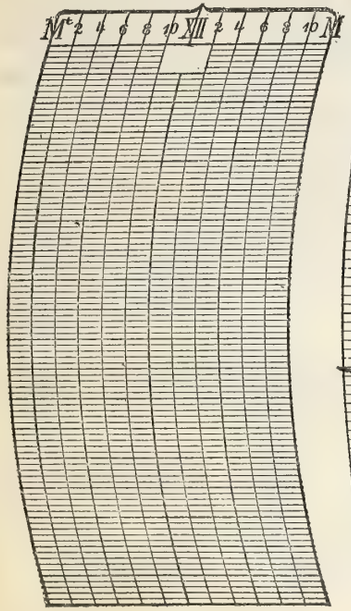
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	65	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .28 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .39 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.9 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 47
Prevailing wind direction, SE. Total wind 110
Average hourly velocity, 4.6 Extreme velocity, 13
Maximum velocity, 13 Direction, SE
Time began, 12:36 a.m.
Reduced barometer, 30.12 7 a. m. 30.01 7 p. m.
River gage, 8.5 feet
Relative humidity, 91 7 a. m. 84 7 p. m.

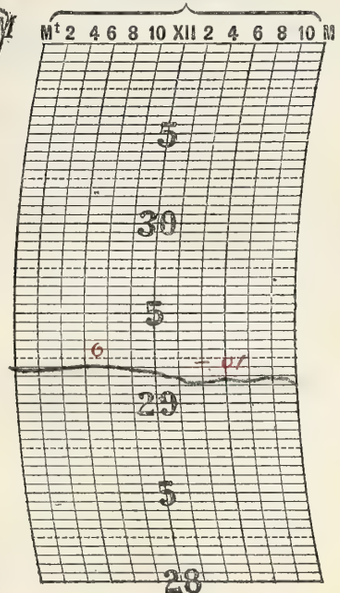
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.8 Wet temperature, 69.3
Dew-point, 68 R. humidity, 84 V. pressure, 684
Clouds: Amount, 9; Kind, AST; Direction, N.
Velocity of clouds (miles per hour)

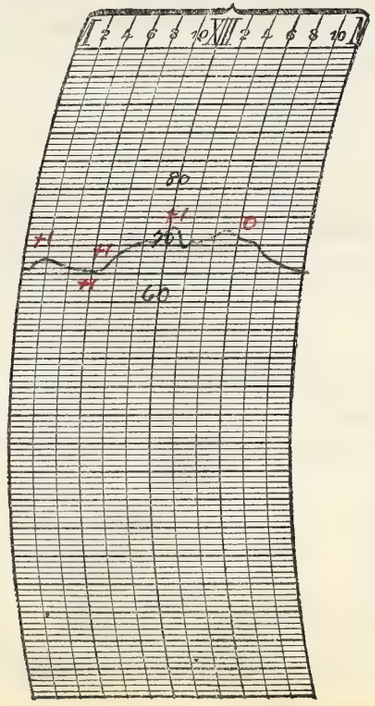
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm of moderate intensity, accompanied by light rain, direction of travel unknown, began at 12:30 a.m., and ended at 6:20 a.m.

A faint solar halo of 22° radius was observed from 11:40 a.m. until 12:10 p.m.

Thunderstorm moving from the west began at 12:51 p.m. and ended at 4:30 p.m. It was light in character and accompanied by light rain.

A cloudy day with rain and mild temperature.

Prepared by CCS
Verified by P. McDonough

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 26 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	63	63	63	63	65	67	70	73	74
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.5	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	SE	E	E	E	E
Wind movement	3	3	1	4	5	3	4	4	4	5	6	7

Sunrise: Time, 4:14 Character, Cloudy
Moonrise: 4:28a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	72	71	69	68	67	65	64	63	60	58
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy				Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	E	NE	NE	NE	E	E	E	E	NE	NE	NE	NE
Wind movement	6	9	16	16	14	12	9	6	5	8	11	11

Sunset: Time, 7:02 Character, Cloudy
Moonset: 6:58p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

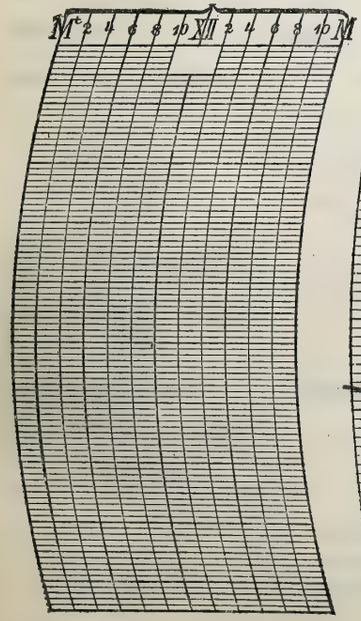
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	58	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, New 12:04 pm
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 9.1 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 61
Prevailing wind direction, E Total wind 172
Average hourly velocity, 7.2 Extreme velocity, 23
Maximum velocity, 22 Direction, NE
Time began, 2:53 p.m.
Reduced barometer, 30.04 7 a. m. 30.03 7 p. m.
River gage, 9.8 Feet.
Relative humidity, 97 7 a. m. 90 7 p. m.

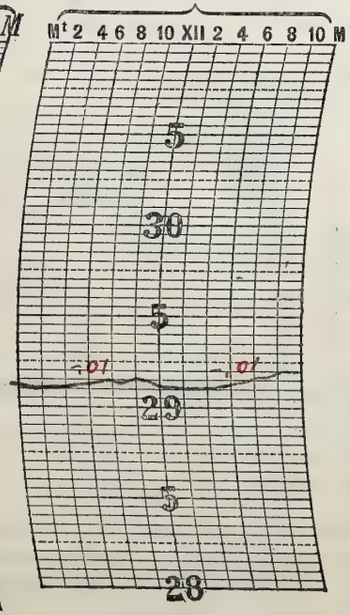
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.0 Wet temperature, 68.0
Dew-point, 66 R. humidity, 78 V. pressure, .638
Clouds: Amount, 8; Kind, Cu; Direction, S.E.
Velocity of clouds (miles per hour)

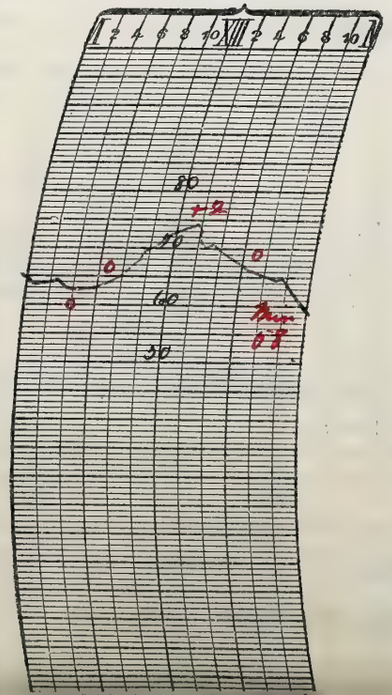
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures.

Prepared by EWS
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 27 1922, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	53	51	50	50	54	57	60	66	68	68	69	69	70	71	70	69	67	66	62	61	59	58	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear												Clear →							
Sunshine (in tenths of hours)					.58 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.05 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	NE	NE	E	E	E	E	E	E	NE
Wind movement	13	10	9	10	13	12	11	14	16	16	20	19	20	19	17	20	16	13	10	9	7	10	11	9
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 4:13 Character, Clear
Moonrise: 5:13a Clear
Sunset: Time, 7:03 Character, Clear
Moonset: 7:56p Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

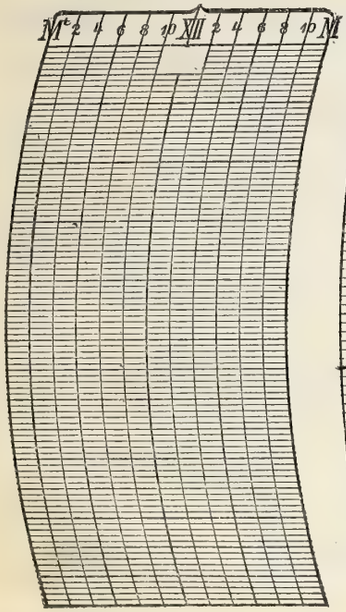
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	50	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 524
Average hourly velocity, 13.5 Extreme velocity, 26
Maximum velocity, 24 Direction, NE
Time began, 3:18 p.m.
Reduced barometer, 30.18 7 a. m. 30.25 7 p. m.
River gage, 10.4 Feet
Relative humidity, 83 7 a. m. 69 7 p. m.

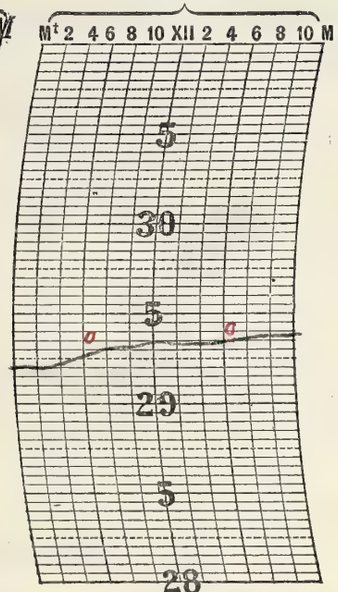
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.9 Wet temperature, 59.6
Dew-point, 53 R. humidity, 56 V. pressure, 402
Clouds: Amount, 1; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

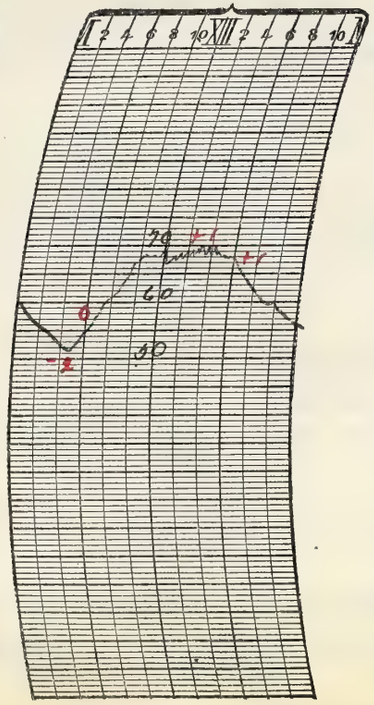
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and very pleasant day.

Prepared by ECS
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 28 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	52	53	54	56	61	66	68	70	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					.58 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	E	E	E
Wind movement	9	11	10	11	9	9	10	11	8	6	6	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	74	74	73	72	71	66	63	61	59	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear →							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.05 0				
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	8	8	8	7	7	6	5	6	7	7	6	4
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:13 Character, Clear
Moonrise: 6:06a Clear
Sunset: Time, 7:03 Character, Clear
Moonset: 8:50p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

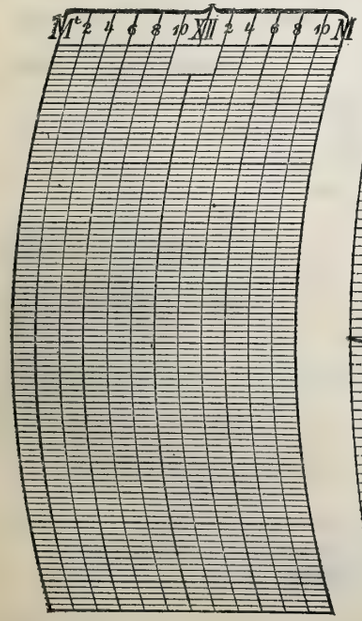
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 185
Average hourly velocity, 7.7 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 1:36 a.m.
Reduced barometer, 30.33 7 a. m. 30.21 7, p. m.
River gage, 10.2 Feet
Relative humidity, 74 7 a. m. 58 7 p. m.

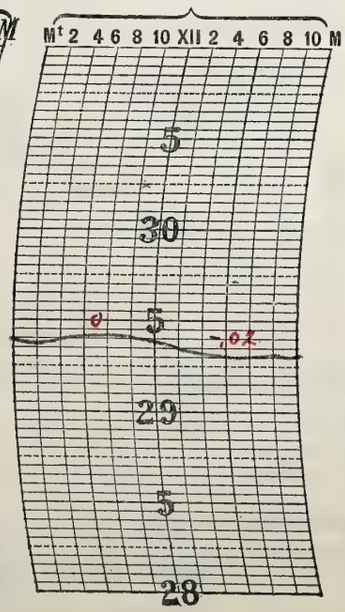
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.0 Wet temperature, 61.3
Dew-point, 56 R. humidity, 57 V. pressure, 448
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

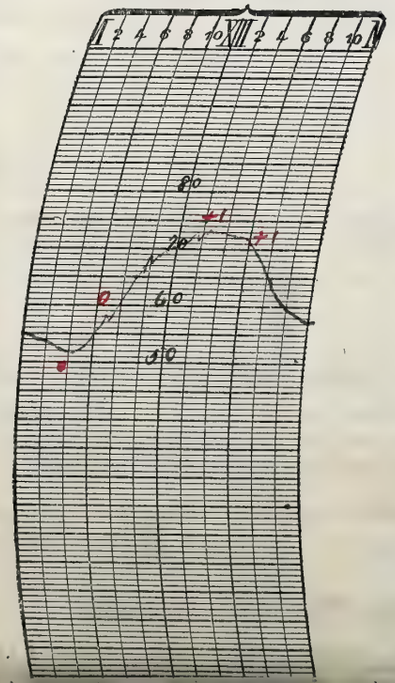
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and very pleasant day.

Prepared by CLS

Verified by C. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 29 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	53	55	57	60	69	72	75	76	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					.80 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	NE	SW	SE	S
Wind movement	2	2	2	2	3	2	2	3	2	4	4	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	77	78	77	76	75	72	69	67	67	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear →					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.07 0				
Wind direction	SE	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	4	5	6	5	5	2	3	1	3	2	2

Sunrise: Time, 4:12 Character, Clear
Moonrise: 7:03a Clear
Sunset: Time, 7:04 Character, Clear
Moonset: 2:41p Clear

Maximum velocities (exceeding 25 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

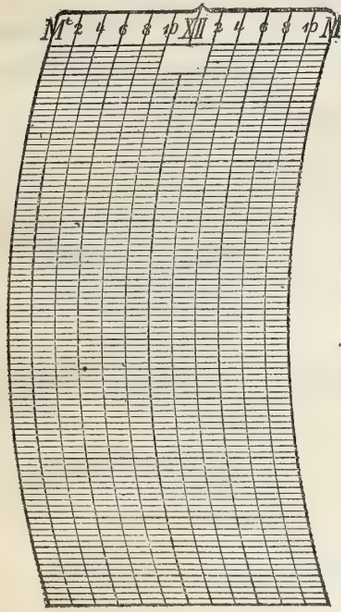
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind 77
Average hourly velocity, 3.2 Extreme velocity, 8
Maximum velocity, 8 Direction, S
Time began, 9:59 p.m.
Reduced barometer, 30.22 7 a. m. 30.08 7 p. m.
River gage, 9.2 Feet
Relative humidity, 78 7 a. m. 41 7 p. m.

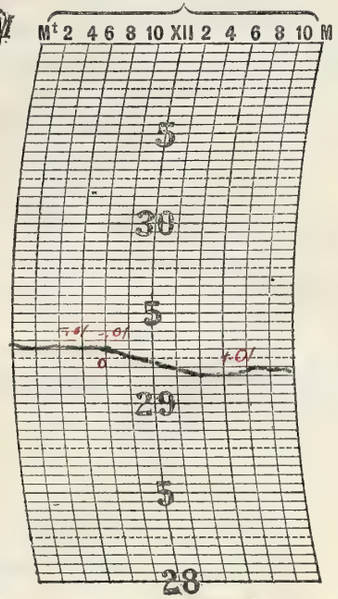
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.3 Wet temperature, 59.7
Dew-point, 48 R. humidity, 39 V. pressure, 33.4
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

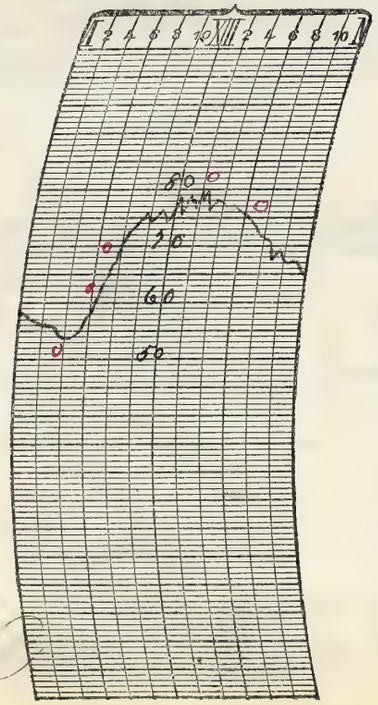
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day.

Prepared by CDS
Verified by C. M. Dorrough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 30 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	61	62	64	67	70	73	78	79	80
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)					.80 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	SE	S	S	SW	SW	SW	S
Wind movement	2	3	3	2	2	4	6	5	6	7	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	81	81	80	79	79	78	75	73	71	70	68
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5 1.0 .08	0				
Wind direction	S	S	SW	S	S	S	SE	SE	SE	S	S	S
Wind movement	7	8	8	6	6	5	3	3	5	4	5	6

Sunrise: Time, 4:12 Character, Clear
Moonrise: 8:05a Clear
Sunset: Time, 7:05 Character, Clear
Moonset: 10:26p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

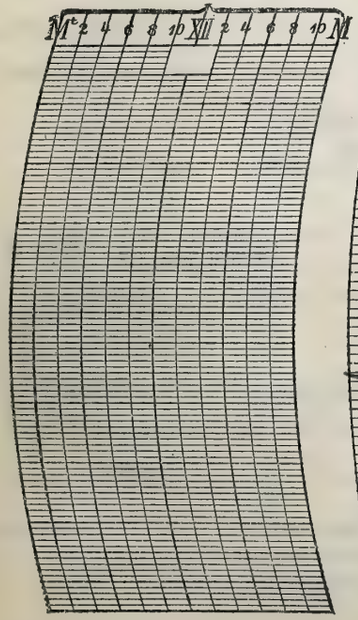
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	60	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind 121
Average hourly velocity, 5.0 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 12:06 p.m.
Reduced barometer, 30.11 7 a. m. 30.01 7 p. m.
River gage, 6.7 Feet.
Relative humidity, 72 7 a. m. 58 7 p. m.

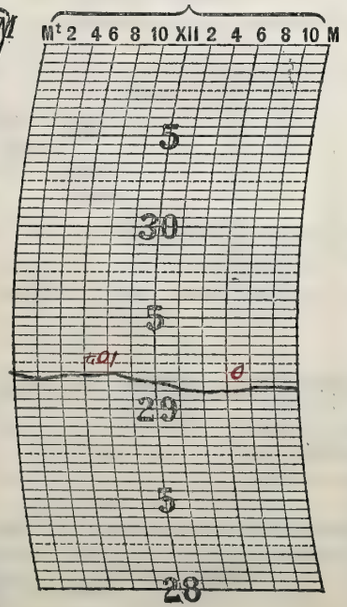
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.0 Wet temperature, 69.0
Dew-point, 64 R. humidity, 60 V. pressure, .595
Clouds: Amount, 2; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

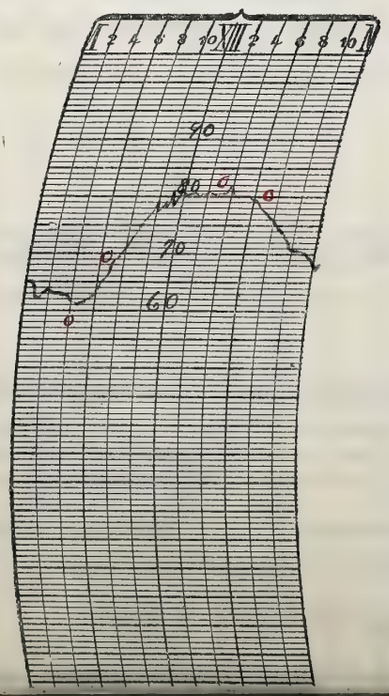
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and rather warm day.

Prepared by 608

Verified by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 31 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	64	63	63	64	66	72	77	79	80	81	82	83	82	76	74	66	66	62	60	59	56	56
State of weather: Nature of precipitation and time of beginning and ending																		HB 0:40	HE 6:35					
Amounts of precipitation																		.05	.03					
Cloudiness and other conditions					←				Clear ×				Pt. Cloudy					×	Cloudy	→				

Sunrise: Time, 4:11; Character, Clear. Moonrise: 9:12a; Clear. .72

Sunset: Time, 7:06; Character, Cloudy. Moonset: 11:08p

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0				
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	N	N	N	N	NW	N
Wind movement	6	7	6	6	4	6	7	9	9	12	13	12	10	12	11	13	12	14	12	11	10	9	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

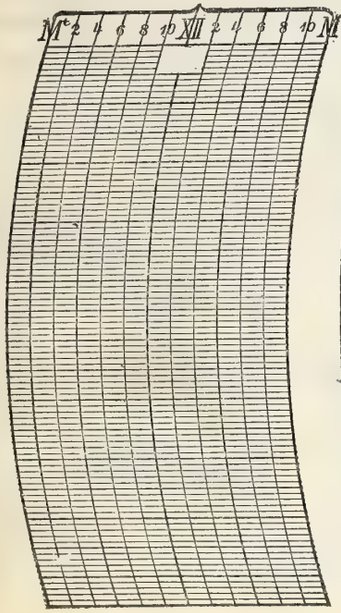
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	56	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.0. Possible sunshine, hours, 14.9
Per cent of possible sunshine, 81
Prevailing wind direction, SW. Total wind 231
Average hourly velocity, 9.6 Extreme velocity, 26
Maximum velocity, 29 Direction, NW
Time began, 5:45 pm.
Reduced barometer, 30.03 7 a. m. 30.03 7 p. m.
River gage, 5.9 feet.
Relative humidity, 71 7 a. m. 8 7 p. m.

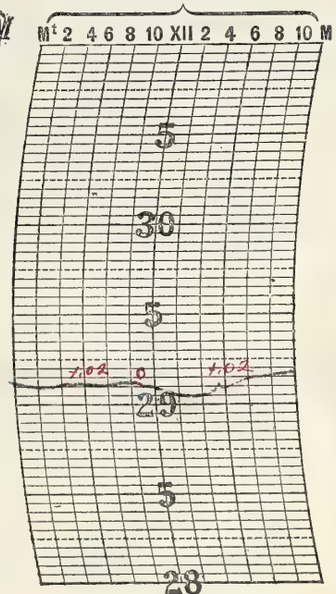
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 63.0
Dew-point, 52 R. humidity, 38 V. pressure, .387
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

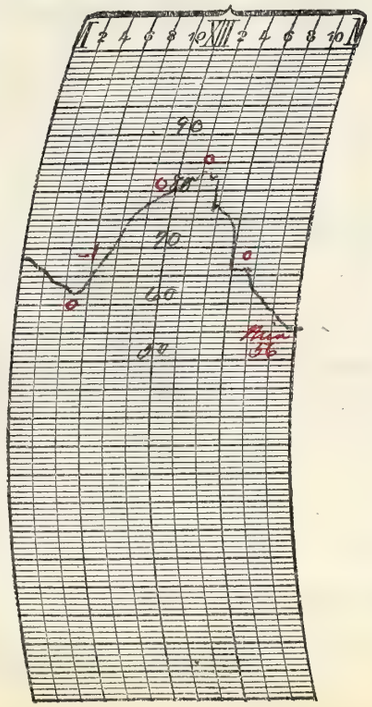
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Special 12:00 Noon 90th Meridian Time Observation called for by the Chicago Office.

A thunderstorm of light intensity moving from the west began at 5:40 p.m. and ended at 6:30 p.m.

A clear and moderately warm day.

Prepared by CDS

Verified by C. M. Denny

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN - 1 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	54	54	53	[illegible]	55	58	61	63	65
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy				Pt. Cloudy			
Sunrise: Time, 4:11 Character, Cloudy												
Moonrise: 10:19a Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	10	8	11	9	9	11	13	12	13	14	17
Maximum velocities (exceeding 51 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	67	67	66	65	64	60	59	57	56	55
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt. Cloudy									
Sunset: Time, 7:07 Character, Cloudy												
Moonset: 11:47p												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.9	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	NE
Wind movement	14	14	13	14	14	10	8	8	6	6	7	7
Maximum velocities (exceeding 51 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	53	60	

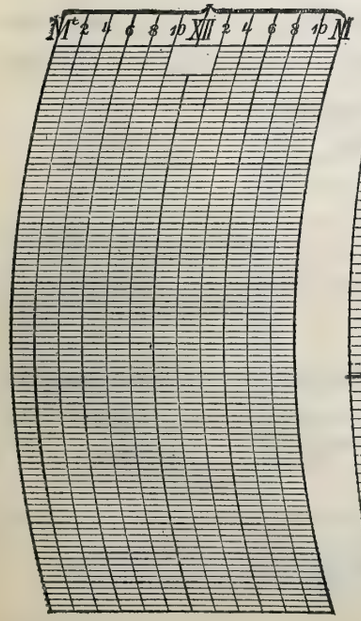
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.2 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 72
Prevailing wind direction, NE Total wind 254
Average hourly velocity, 10.6 Extreme velocity, 1.2
Maximum velocity, 16 Direction, NE
Time began, 1:21 p.m.
Reduced barometer, 30.18 7 a. m. 30.10 7 p. m.
River gage, 5.1 ft.
Relative humidity, 87 7 a. m. 58 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

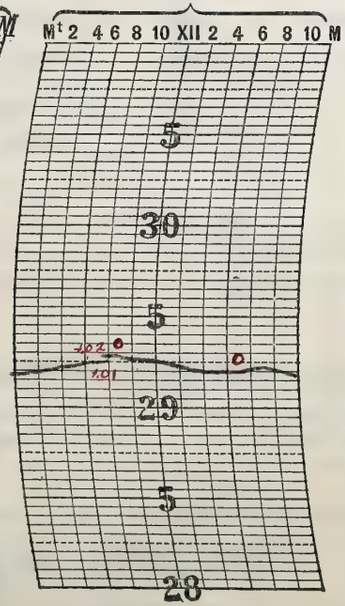
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.8 Wet temperature, 57.1
Dew-point, 52 R. humidity, 67 V. pressure, .387
Clouds: Amount, 7; Kind, C.St; Direction, NW.
Velocity of clouds (miles per hour)

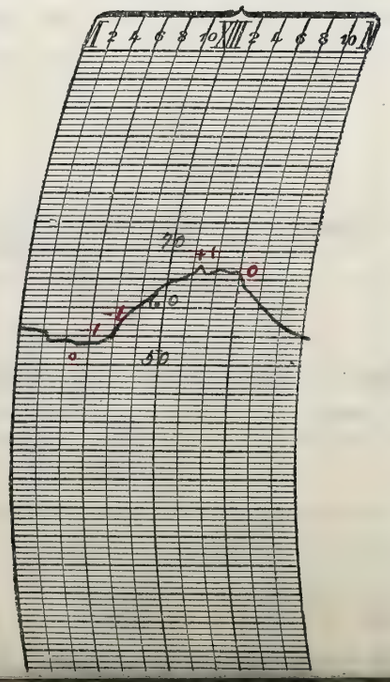
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A bright solar halo 22° radius observed from 11:15 a.m. until 3:40 p.m.
A bright lunar halo of 22° radius was observed from 8:10 p.m. until 10:10 p.m.

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Friday, (Date) JUN -2 1922, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	53	53	54	56	61	63	64	66	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy × Pt Cloudy							
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	9	9	9	8	7	10	10	15	18	17	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	70	69	69	69	66	64	63	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy ×			Clear →				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0.6 0.4	.12 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	SE	SE	SE
Wind movement	13	11	12	10	8	6	4	5	4	3	1	1

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 11:29a Cloudy
Sunset: Time, 7:07 Character, Clear
Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

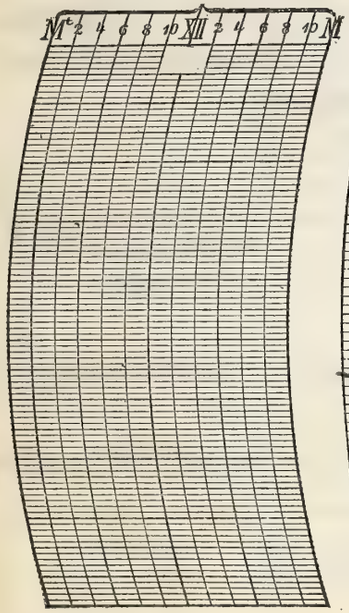
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, F.Q. 12:10 p.m.
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 11.3 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 75
Prevailing wind direction, NE Total wind 246
Average hourly velocity, 8.6 Extreme velocity, 22
Maximum velocity, 19 Direction, NE
Time began, 10:15 a.m.
Reduced barometer, 30.00 7 a. m. 29.90 7 p. m.
River gage, 4.5 Feet
Relative humidity, 70 7 a. m. 68 7 p. m.

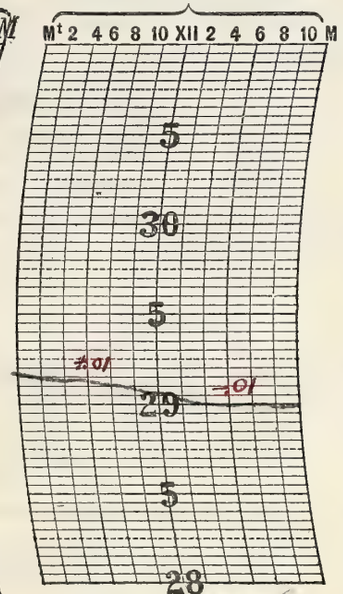
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.7 Wet temperature, 57.2
Dew-point, 50 R. humidity, 53 V. pressure, 360
Clouds: Amount, 7; Kind, ASt; Direction, SE
Velocity of clouds (miles per hour)

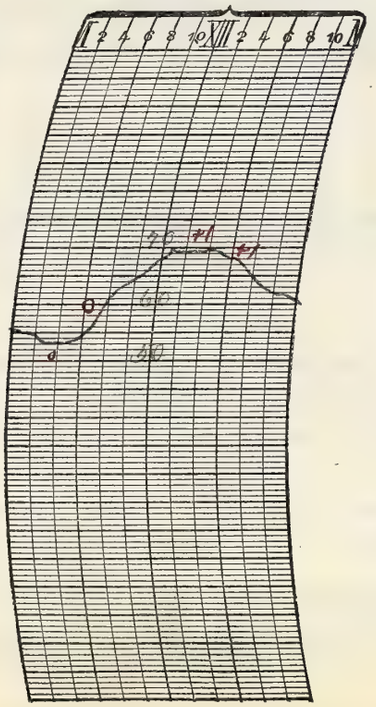
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy day with moderate temperatures.

Prepared by

Verified by C. McDonough

8—486

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 3 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	58	59	61	63	65	69	70	71	72	74	75	74	75	73	71	70	64	62	61	60	58
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy			× Pt. Cloudy			× Clear					× Pt. Cloudy			× Clear					→
	Sunrise: Time, 4:10 Character, Cloudy																				Sunset: Time, 7:08 Character, Clear			
	Moonrise: 12:36p																				Moonset: 12:23a			
Sunshine (in tenths of hours)					0	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.3 0				
Wind direction	SE	SE	SE	SE	SE	SE	SE	N	N	N	NW	NW	NW	NW	N	N	N	N	NW	NW	N	NW	N	N
Wind movement	1	2	2	3	3	1	3	4	5	5	7	8	7	5	7	7	6	8	9	8	7	5	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

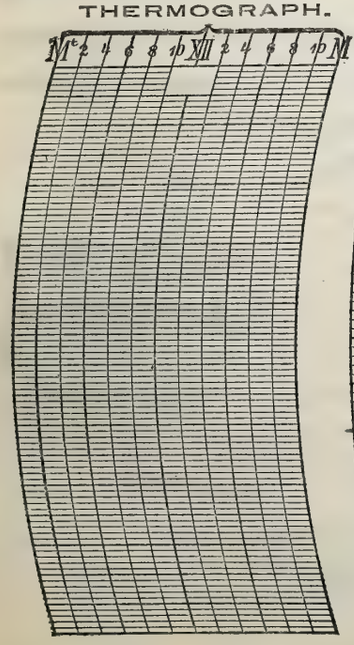
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	57	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 12.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 84
Prevailing wind direction, N Total wind 127
Average hourly velocity, 5.0 Extreme velocity, 11
Maximum velocity, 11 Direction, NNW
Time began, 6:28 p.m.
Reduced barometer, 29.94 7 a. m. 29.94 7 p. m.
River gage, 4.1 Feet.
Relative humidity, 84 7 a. m. 55 7 p. m.

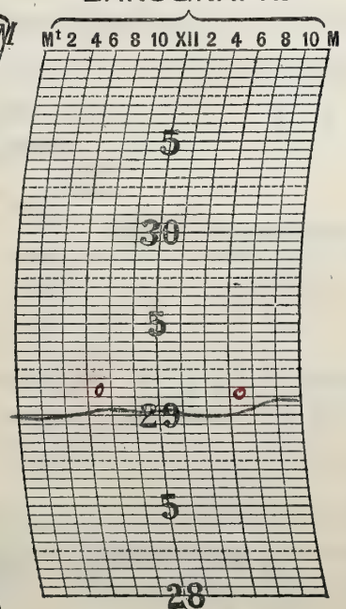
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.8 Wet temperature, 59.0
Dew-point, 50 R. humidity, 47 V. pressure, .36.0
Clouds: Amount, 8; Kind, Cu; Direction, SW.
Velocity of clouds (miles per hour)

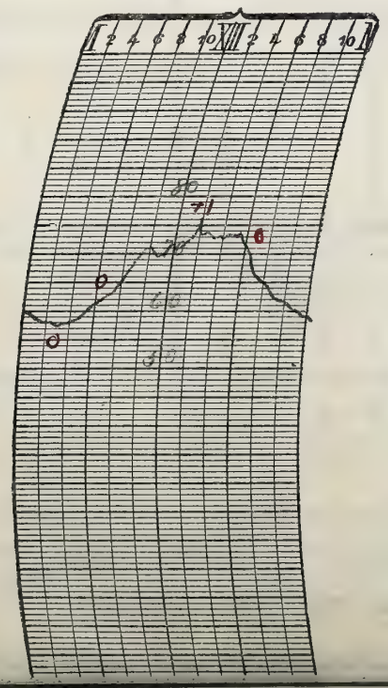
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and pleasant day with moderate temperatures

Prepared by J. C. Mott

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Sunday, (Date) JUN - 4 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	55	54	52	56	47	64	67	70	72	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt. Cloudy							
Sunrise: Time, 4:10 Character, Cloudy												
Moonrise: 1:44p Clear												
Sunshine (in tenths of hours)					0	0.5	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	SW	NW	NW	N	N	E	E	E
Wind movement	3	2	1	2	2	4	3	3	4	4	3	4
Maximum velocities (exceeding 60 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	76	76	77	76	76	70	68	67	65	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear →							
Sunset: Time, 7:09 Character, Cloudy												
Moonset: 12:58a —												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0				
Wind direction	NE	NE	NE	E	NE	NE	NE	NE	E	E	E	NE
Wind movement	5	5	6	7	4	4	3	2	5	5	4	4
Maximum velocities (exceeding 60 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

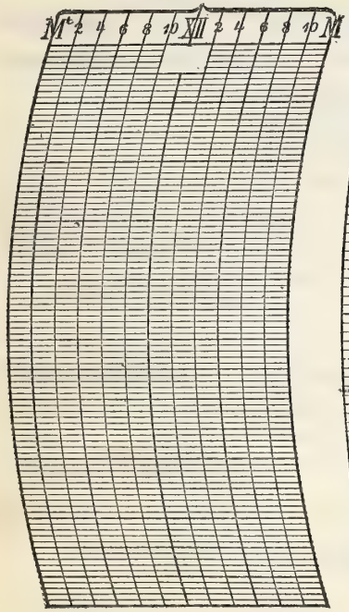
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	52	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.5 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 83
Prevailing wind direction, NE Total wind 93
Average hourly velocity, 3.9 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 2:21 p.m.
Reduced barometer, 30.02 7 a. m. 30.01 7 p. m.
River gage, 3.9 Feet
Relative humidity, 70 7 a. m. 45 7 p. m.

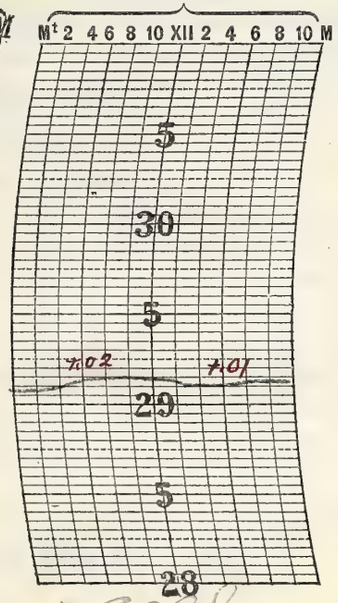
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.7 Wet temperature, 58.0
Dew-point, 46.0 R. humidity, 38 V. pressure, 31.0
Clouds: Amount, 2; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

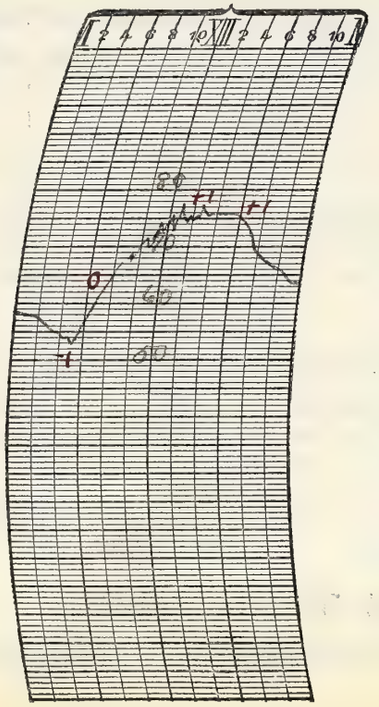
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy day with moderate temperatures.

Prepared by
Verified by J. M. Kennedy

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 5 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	59	61	64	67	74	77	78	80	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunshine (in tenths of hours)					.85 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	SW	W	SW	SW
Wind movement	4	4	3	3	4	1	1	2	5	6	8	8
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:09 Character, Clear. Moonrise: 2:53 AM

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	82	81	79	78	77	74	72	69	69	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					x-Pt. Cloudy-x-Cloudy-x-Pt. Cloudy-x-Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0	0	0				
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	7	10	9	9	7	5	4	3	2	4	3	4
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 7:09 Character, Cloudy. Moonset: 11:34 PM Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	59	71	

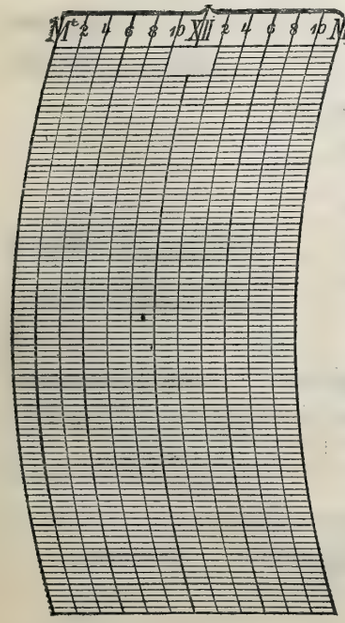
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 84
Prevailing wind direction, NE, SW, W Total wind 116
Average hourly velocity, 4.8 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 1:09 p.m.
Reduced barometer, 30.05 7 a. m. 30.05 7 p. m.
River gage, 3.7 Fall
Relative humidity, 73 7 a. m. 42 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

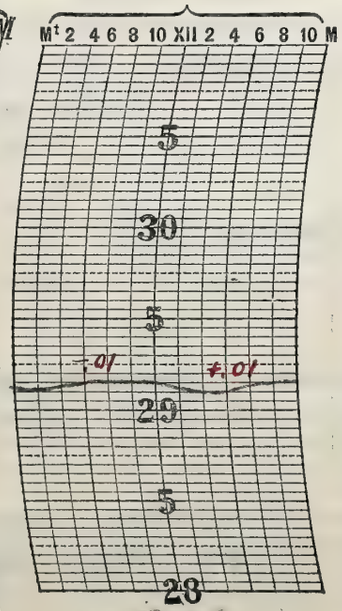
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.0 Wet temperature, 69.9
Dew-point, 46 R. humidity, 31 V. pressure, .310
Clouds: Amount, 3; Kind, Cu.; Direction, W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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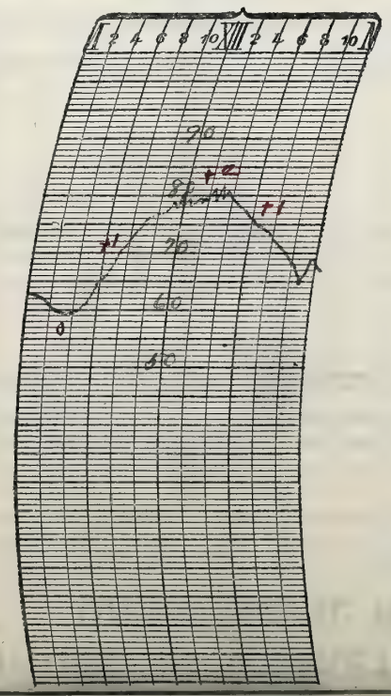


NOTES.

A pretty cloudy day with moderate temperatures.

Prepared by J. M. Hamilton

Verified by

Verified by F. M. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN - 6 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	62	61	62	64	66	72	77	79	81	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear				Pt. Cloudy			
Sunshine (in tenths of hours)					.65 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	4	5	5	5	4	4	5	4	6	9	8	9

Sunrise: Time, 4:09 Character, Clear
Moonrise: 4:02p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	83	83	84	83	81	78	76	72	71	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt. Cloudy			× Clear					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.17 0				
Wind direction	W	W	SW	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	9	8	8	7	5	5	4	2	5	5	6

Sunset: Time, 7:10 Character, Clear
Moonset: 2:11a

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

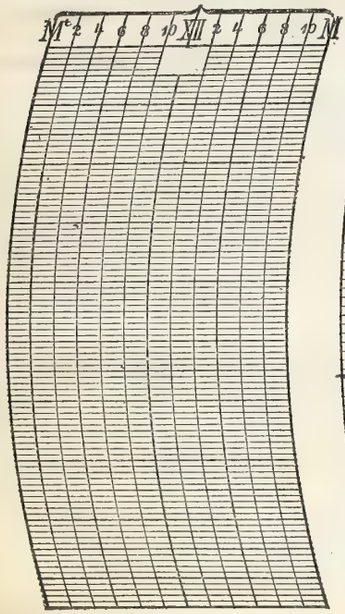
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 142
Average hourly velocity, 5.9 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 2:33 p.m.
Reduced barometer, 30.14 7 a. m. 30.08 7 p. m.
River gage, 3.6 Feet
Relative humidity, 63 7 a. m. 22 7 p. m.

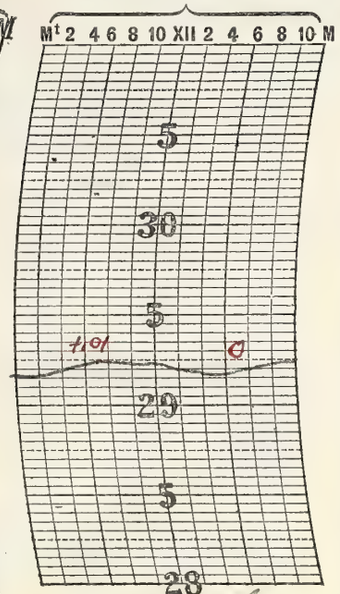
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.7 Wet temperature, 62.3
Dew-point, 49 R. humidity, 32 V. pressure, .347
Clouds: Amount, 5; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

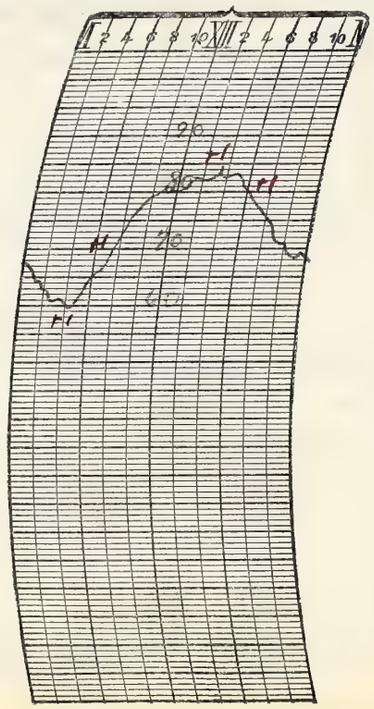
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and warm day.

Prepared by C. C. S.
Verified by F. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN -7 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	66	65	64	66	69	73	78	81	83	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Pt. Cloudy			
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	7	5	4	5	7	4	5	7	8	7
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 5:07p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	8	7	84	84	83	81	79	78	74	73	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0	0	0				
Wind direction	S	S	S	S	S	SE	SE	S	S	SW	SW	SW
Wind movement	7	7	10	6	4	4	6	5	7	8	7	8
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 7:10 Character, Cloudy
Moonset: 2:51a ——

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	64	76	

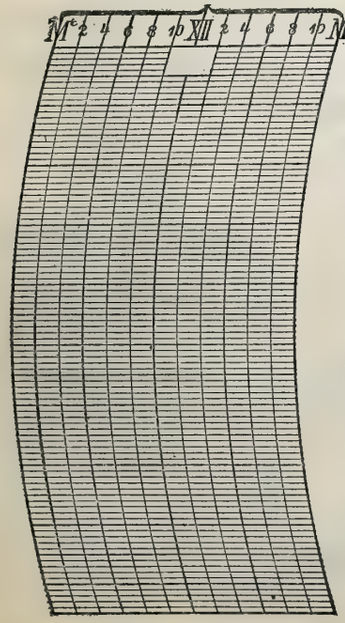
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 11.1 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 74
Prevailing wind direction, SW Total wind 247
Average hourly velocity, 6.9 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 2:11 p. m.
Reduced barometer, 30.16 7 a. m. 30.05 7 p. m.
River gage, 3.5 Feet.
Relative humidity, 69 7 a. m. 42 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

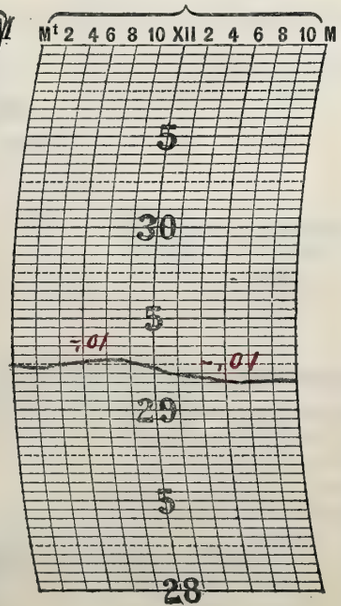
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.0 Wet temperature, 65.0
Dew-point, 52 R. humidity, 31 V. pressure, .387
Clouds: Amount, 6; Kind, A St.; Direction, SW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.

NOTES.

A fairly cloudy and very warm day

Prepared by

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN - 8 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	71	70	70	69	71	74	76	79	79	80
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	4:09 Cloudy											
Moonrise:	6:11P Cloudy											
Sunshine (in tenths of hours)					0	0.1	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	7	7	7	7	7	8	9	10	10	10	13	12
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	81	81	81	79	77	76	73	71	70	70	70
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy						x-PM Cloudy			
Sunrise: Time, Character,												
Moonrise:												
Sunset: Time, Character,									7:11 Cloudy			
Moonset:									3:35a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.5	0	0				
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	12	12	12	11	12	11	12	10	9	10	8
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	69	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 11.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 76
Prevailing wind direction, SW Total wind 239
Average hourly velocity, 10.0 Extreme velocity, 24
Maximum velocity, 19 Direction, SW
Time began, 1:47 p.m.
Reduced barometer, 29.92 7 a. m. 29.94 7 p. m.
River gage, 3.4 Fall
Relative humidity, 82 7 a. m. 73 7 p. m.

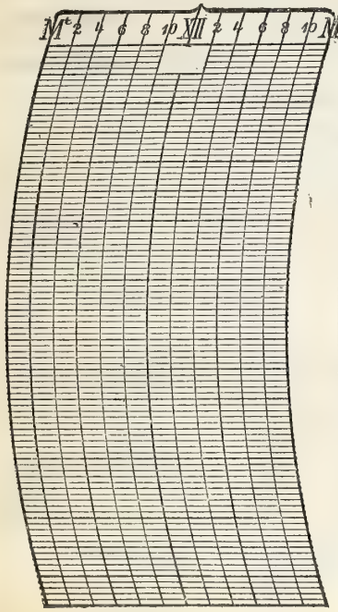
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

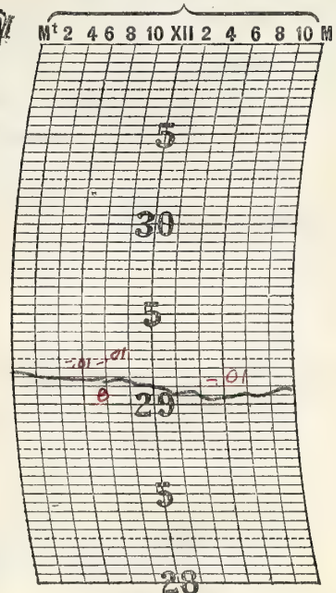
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 70.0
Dew-point, 65 R. humidity, 61 V. pressure, .616
Clouds: Amount, 9; Kind, ASt; Direction, W
Velocity of clouds (miles per hour)

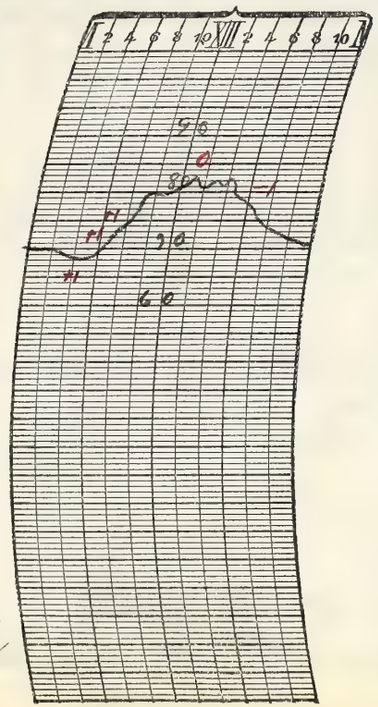
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and warm and dry day.

Prepared by
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 9 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	69	71	73	76	79	81	82	85
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cldy	Pt. Cloudy			Clear			Pt Cldy
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	11	9	10	10	11	13	12	10	11	12	13

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 7:10p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	86	86	87	86	84	83	81	79	66	71	74
State of weather. Nature of precipitation and time of beginning and ending									RQ 8:50		RZ 10:40	
Amounts of precipitation									T	.24	.09	
Cloudiness and other conditions				Clear			Pt. Cldy		Cloudy			Pt Cldy
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW
Wind movement	13	18	18	19	18	15	13	13	12	18	11	10

Sunset: Time, 7:12 Character, Cloudy
Moonset: 4:23a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
8:50p	10:40p	.83	9:35p	10:03p ~~9:45p~~	.12	.23	.42	.43	.55	.62	.70								

Excessive precipitation, accumulated amounts

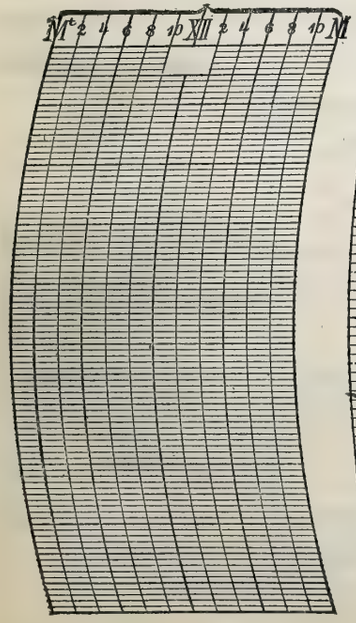
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .83 inches.
Character of day, Pt. Cloudy Moon phase, Full - 9:12 p.m.
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 86
Prevailing wind direction, SW Total wind 310
Average hourly velocity, 12.9 Extreme velocity, 30
Maximum velocity, 37 Direction, SW
Time began, 9:48 p.m.
Reduced barometer, 29.94 7 a. m. 29.81 7 p. m.
River gage, 3.2 Feet.
Relative humidity, 78 7 a. m. 52 7 p. m.

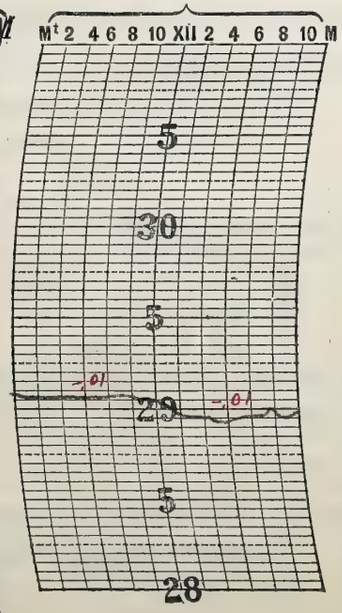
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.2 Wet temperature, 72.1
Dew-point, 67 R. humidity, 56 V. pressure, 0.61
Clouds: Amount, 5; Kind, Cu; Direction, W.
Velocity of clouds (miles per hour)

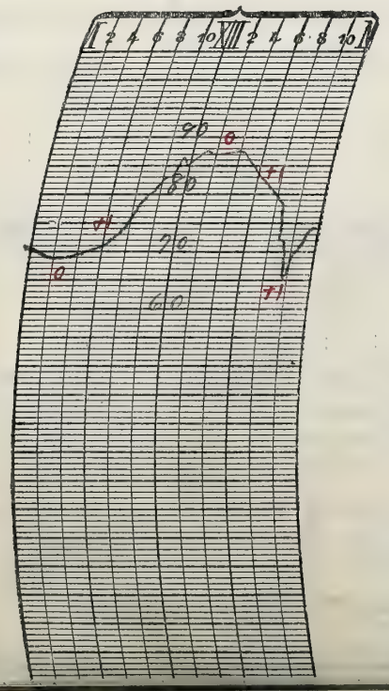
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and warm sultry day.

A thunderstorm of moderate intensity moving from the northwest began at 8:10 p.m., and ended at 10:45 p.m.

A thunderstorm of light intensity moving from the northwest began at 11:25 p.m., and continued after midnight.

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 10 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	69	70	71	75	77	80	82	83	82
State of weather: Nature of precipitation and time of beginning and ending		HB 12:45	RE 1:50									
Amounts of precipitation	.01	.03										
Cloudiness and other conditions					← Clear			— Pt. Cloudy				
Sunrise: Time, Character, 4:08 Clear; Moonrise: 8:03p Cloudy												
					.87	0.1						
Sunshine (in tenths of hours)					0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	SE	SE	S	S	SW	SW	W	W	W	W	SW
Wind movement	5	3	5	6	9	10	14	15	15	16	13	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	85	86	85	85	83	82	80	79	78	78	77
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				— Pt. Cloudy								
Sunset: Time, Character, 7:12 Cloudy; Moonset: 5:15a Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	19	21	21	20	19	16	17	17	15	18	19
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	69	78	

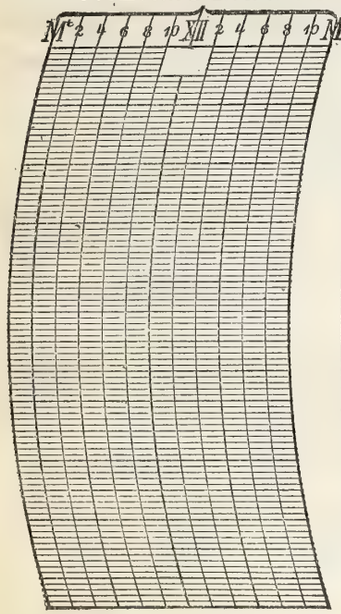
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .82 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 14.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 93
Prevailing wind direction, SW Total wind 341
Average hourly velocity, 14.2 Extreme velocity, 29
Maximum velocity, 25 Direction, SW
Time began, 3:25 pm.
Reduced barometer, 29.85 7 a. m. 29.70 7 p. m.
River gage, 4.1 Feet
Relative humidity, 82 7 a. m. 56 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

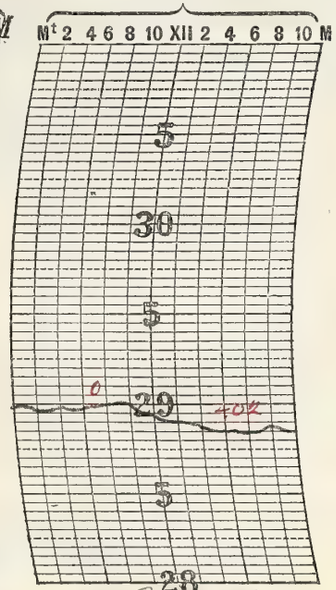
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.0 Wet temperature, 74.0
Dew-point, 70 R. humidity, 63 V. pressure, .732
Clouds: Amount, 7; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

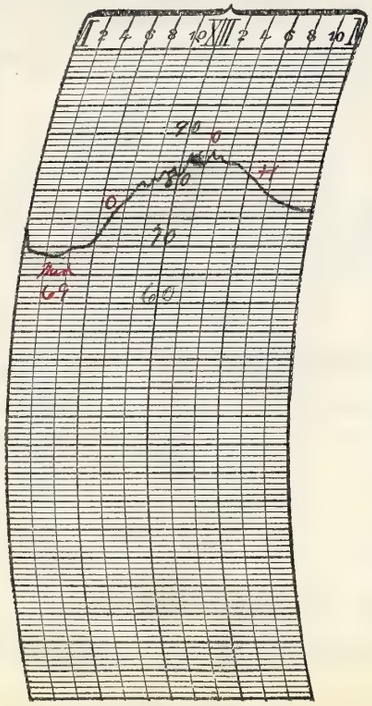
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm which began late in the night of the ninth ended at 1:50 a.m. this date.

A partly cloudy and very warm day.

Prepared by J. M. Dorrough

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 11 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	75	75	75	76	77	78	80	80	80	80	83	84	82	82	81	79	77	74	72	71	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy					→	Pt. Cloudy		←			Clear								→
Sunshine (in tenths of hours)					0	0	0.1	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 / 0.6	.22 / 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	W	W	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	20	19	18	17	18	17	18	20	18	18	19	18	20	19	19	17	16	15	13	11	9	10	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08; Character, Cloudy. Moonrise: 8:50p; Clear.

Sunset: Time, 7:13; Character, Clear. Moonset: 6:11a; Cloudy.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 11.9 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 79

Prevailing wind direction, SW, W, NW Total wind 359

Average hourly velocity, 16.4 Extreme velocity, 26

Maximum velocity, 25 Direction, W

Time began, 10:12 p. m.

Reduced barometer, 29.68 7 a. m. 29.76 7 p. m.

River gage, 5.8 Feet

Relative humidity, 79 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

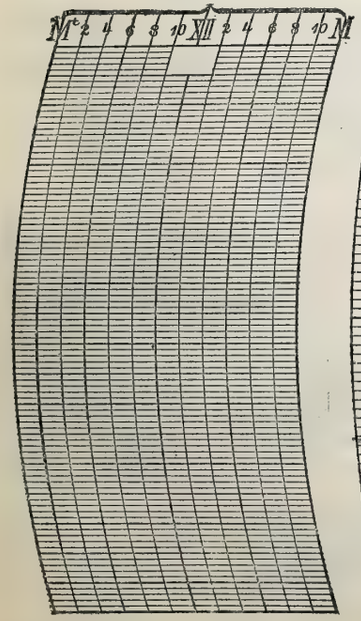
Dry temperature, 79.8 Wet temperature, 71.0

Dew-point, 62 R. humidity, 65 V. pressure, 6.61

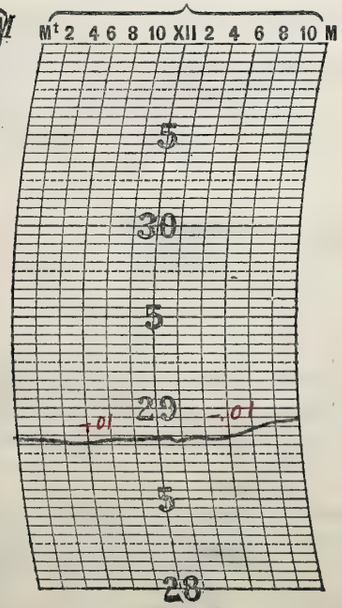
Clouds: Amount, 4; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

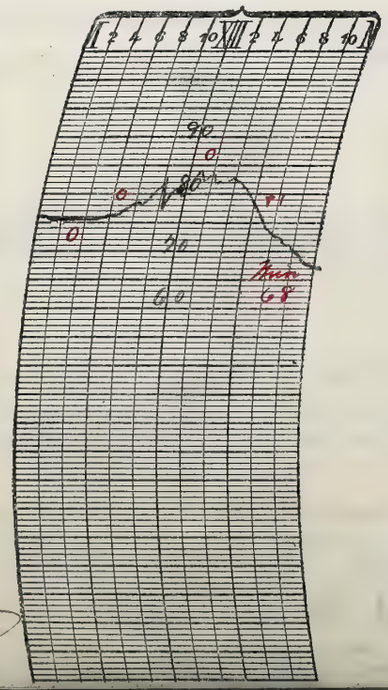
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and very warm day. Though a fair breeze existed during the 24 hours.

Prepared by

Verified by

FORM NO. 1014—MOL'T.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 12 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	65	64	62	63	65	67	69	71	71	74	75	77	77	77	75	73	72	71	65	64	63	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear →				← Clear								← Clear											
Sunshine (in tenths of hours)					.87 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.22 0				
Wind direction	W	W	NW	NW	NW	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	10	9	7	5	6	4	5	7	5	8	11	11	12	13	14	13	15	12	8	6	4	4	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08; Character, Clear. Moonrise: 9:30p; Clear. Sunset: Time, 7:13; Character, Clear. Moonset: 7:10a; Clear.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

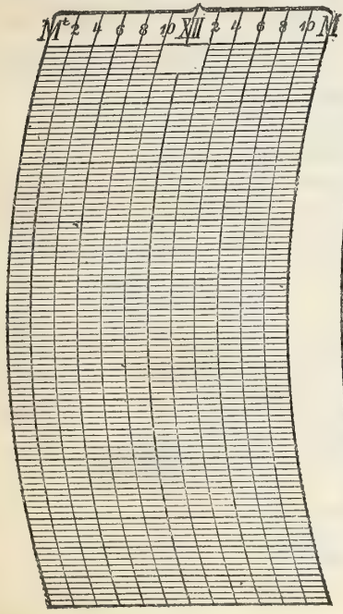
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	60	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0–10), Few.
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, NW. Total wind 197
Average hourly velocity, 8.2 Extreme velocity, 25
Maximum velocity, 22 Direction, NW.
Time began, 1:54pm
Reduced barometer, 29.88 7 a. m. 30.03 7 p. m.
River gage, 5.0 Feet
Relative humidity, 51 7 a. m. 41 7 p. m.

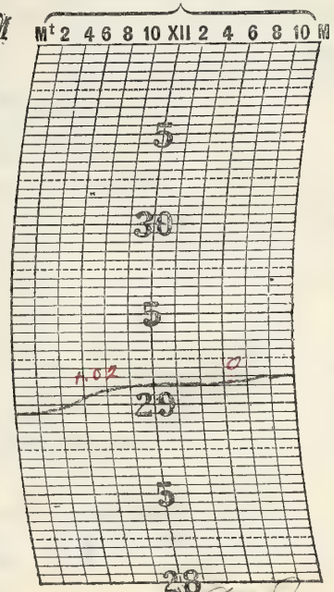
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.7 Wet temperature, 57.2
Dew-point, 44 R. humidity, 35 V. pressure, 28.7
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

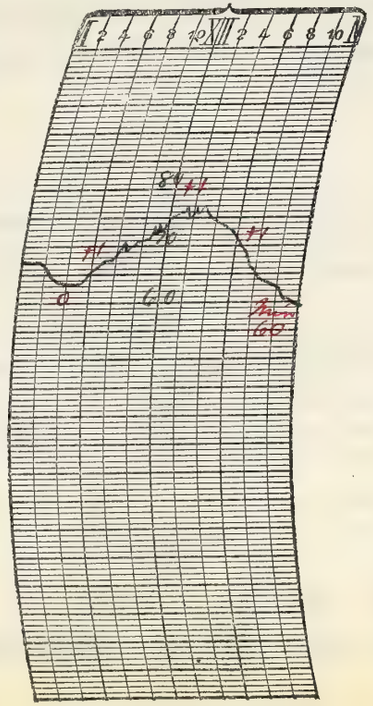
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and very pleasant day with mild temperatures.

Prepared by

Verified by J. M. Donovan

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 13 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	57	58	56	58	61	63	66	67	70
State of weather: Nature of precipitation and time of beginning and ending							RB 6:00 RE 6:15				RB 10:45	RE 11:02
Amounts of precipitation							T				.03	.01
Cloudiness and other conditions								Cloudy				

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	66	66	67	66	65	63	62	62	61	61
Cloudiness and other conditions		Cloudy					Clear					

Sunrise: Time, 4:08; Character, Cloudy. Moonrise: 10:02 p; Clear.

Sunset: Time, 7:14; Character, Cloudy. Moonset: 8:06 a; Cloudy.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0.8	0.8	0.7	1.0	0.8	1.0	1.0	0.8	0.5	1.0	0.6	0				
Wind direction	N	N	E	E	SE	SE	E	S	S	SW	S	S	S	NE	E	E	E	E	E	E	NE	NE	NE	NE
Wind movement	3	3	4	4	3	5	7	9	14	14	10	10	7	12	10	7	6	6	7	6	6	6	7	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	56	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.0. Possible sunshine, hours, 15.1

Per cent of possible sunshine, 6.0

Prevailing wind direction, E. Total wind 172

Average hourly velocity, 7.2. Extreme velocity, 18

Maximum velocity, 17. Direction, S

Time began, 8:00 a.m.

Reduced barometer, 29.99 7 a. m. 29.92 7 p. m.

River gage, 4.5 Feet.

Relative humidity, 69 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

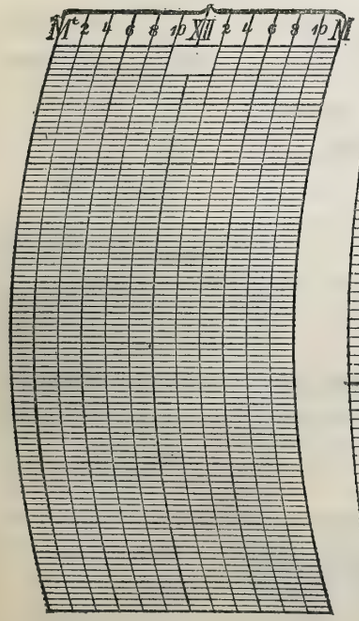
Dry temperature, 68.0. Wet temperature, 62.0

Dew-point, 58. R. humidity, 72. V. pressure, .482

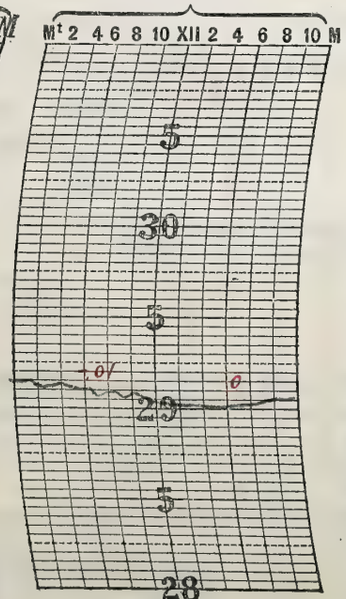
Clouds: Amount, 9; Kind, Cu; Direction, W.

Velocity of clouds (miles per hour)

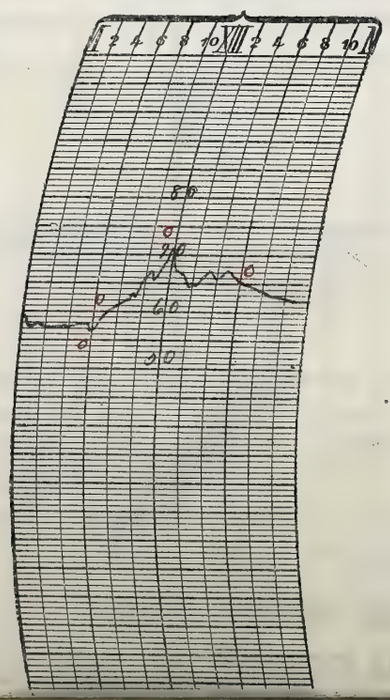
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with a light shower early in the morning and near noon and moderate temperature

Prepared by

Verified by J. McDonough

Verified by J. M. Donough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 14 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	59	58	59	63	65	71	73	76	78	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)					.87 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NW	NW	N
Wind movement	6	4	4	3	3	3	2	3	4	4	6	5
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	84	83	82	81	80	79	75	73	72	70	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.2 .23 0.8					
Wind direction	NW	W	NW	N	N	N	N	N	NE	NE	NE	NE
Wind movement	6	7	8	10	8	7	4	4	5	3	3	2
Maximum velocities (exceeding 20 miles) direction and time												

Sunrise: Time, 4:08 Character, Clear

Moonrise: 10:40p

Sunset: Time, 7:14 Character, Clear

Moonset: 9:03a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	58	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 100

Prevailing wind direction, NE Total wind 114

Average hourly velocity, 4.8 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 8:09 p.m.

Reduced barometer, 30.04 7 a. m. 30.03 7 p. m.

River gage, 3.9 Fall

Relative humidity, 80 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

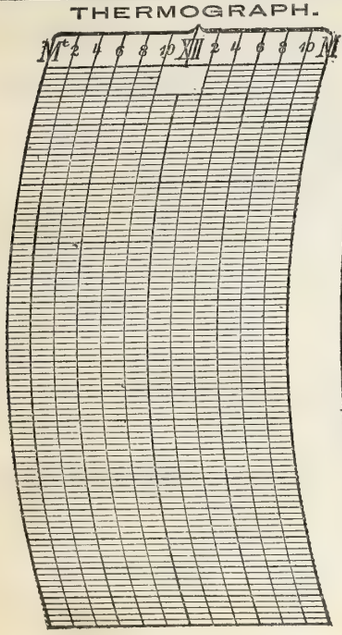
Dry temperature, 78.1 Wet temperature, 64.4

Dew-point, 57 R. humidity, 47 V. pressure, .465

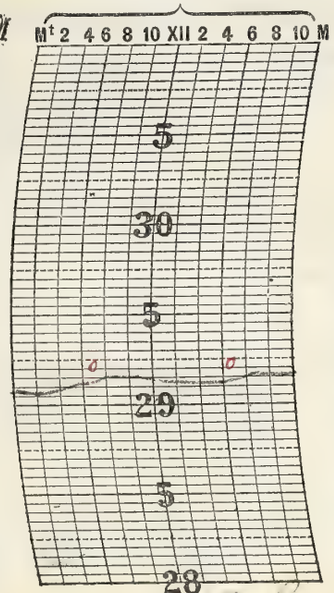
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

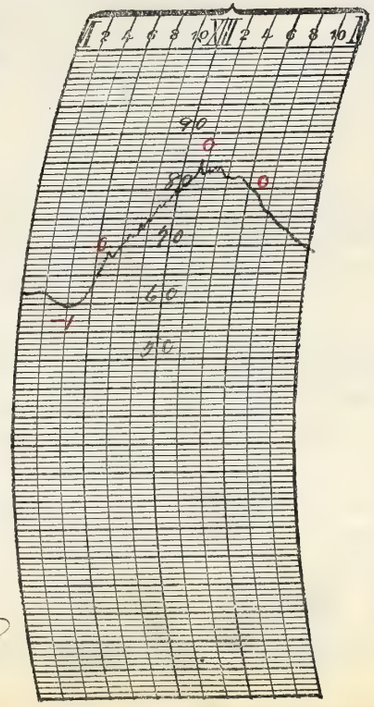
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A heavy deposit of dew observed at the morning observation.

A clear day with moderate temperatures.

Prepared by

Verified by J. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 15 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	65	64	63	64	65	70	74	76	79	80	83	85	84	85	84	83	82	80	77	74	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear							Pt. Cloudy								
Sunrise: Time, Character, 4:08 Clear																								
Moonrise: 11:14p Cloudy																								
Sunset: Time, Character, 7:14 Cloudy																								
Moonset: 10:00a Clear																								
Sunshine (in tenths of hours)					.67 0.2	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.3	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	E	E	E	E
Wind movement	1	1	2	5	2	3	5	4	5	5	6	5	5	5	7	7	8	8	7	7	10	10	9	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

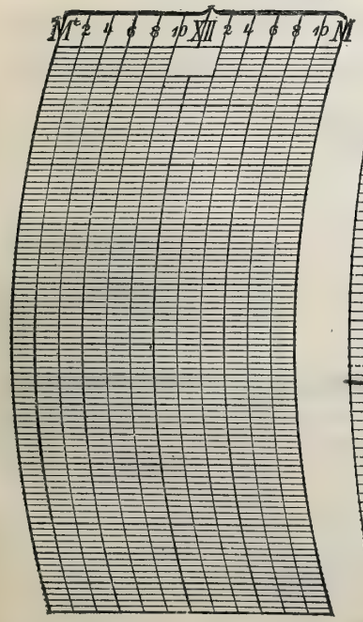
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	63	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.0 Possible sunshine, hours, 15.4
Per cent of possible sunshine, 86
Prevailing wind direction, E Total wind 134
Average hourly velocity, 5.6 Extreme velocity, 1.5
Maximum velocity, 13 Direction, E
Time began, 8:22 p.m.
Reduced barometer, 30.10 7 a. m. 30.01 7 p. m.
River gage, 3.0 Feet.
Relative humidity, 72 7 a. m. 46 7 p. m.

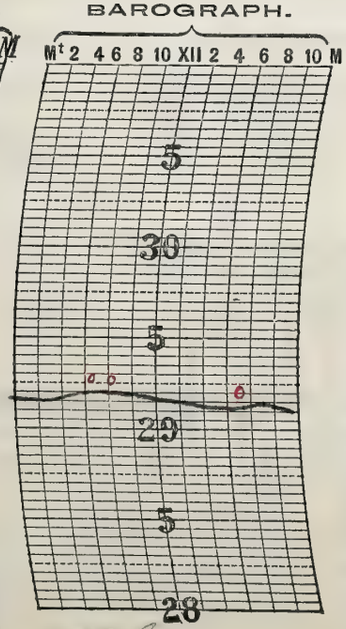
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 66.6
Dew-point, 58 R. humidity, 45 V. pressure, .482
Clouds: Amount, 3 ; Kind, Ac Cu ; Direction, SE W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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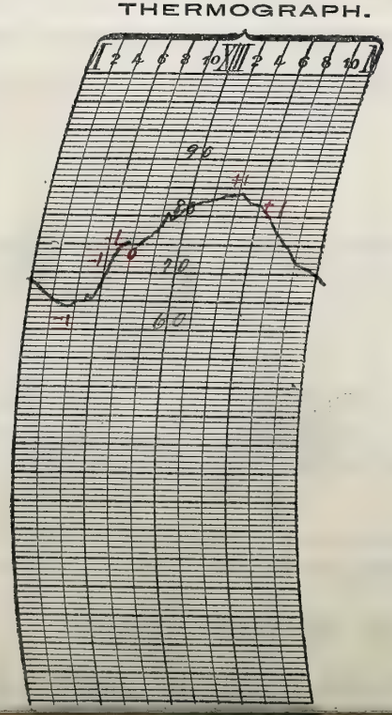


NOTES.

Heavy deposit of dew observed this morning
a partly cloudy and rather warm day

Prepared by CCS
Verified by J. M. Dorrance

Verified by J. M. O'Donnell

Form No. 1014—Mcu 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 16 1922, 192

Time (local standard). 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	70	69	67	66	70	75	79	80	84	88	89	91	81	89	89	88	86	82	82	81	80	79
				RB 5:35	—	RE 6:20									RB 1:22	RE 3:13								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation				.01	.02	.04									T	.01								
Cloudiness and other conditions					← Cloudy			× Pt. Cloudy						× Cloudy					× Clear					
Sunrise: Time, 4:08; Character, Cloudy																					Sunset: Time, 7:15; Character, Clear			
Moonrise: 11:42p; —																					Moonset: 10:56a; Cloudy			
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3 / 0.7	.25 / 0				
Wind direction	E	E	SE	S	SW	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	3	4	6	12	12	8	9	11	12	12	14	14	17	15	16	16	14	13	11	10	12	12	9
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

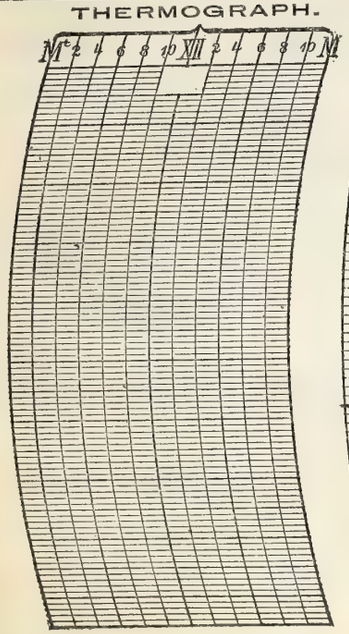
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	66	79	-

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt. Cloudy; Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.2; Possible sunshine, hours, 15.1
Per cent of possible sunshine, 81
Prevailing wind direction, SW; Total wind 360
Average hourly velocity, 10.9; Extreme velocity, 25
Maximum velocity, 22; Direction, SW
Time began, 1:28 p.m.
Reduced barometer, 29.74 7 a. m. 29.79 7 p. m.
River gage, 3.5 Fcast
Relative humidity, 81 7 a. m. 57 7 p. m.

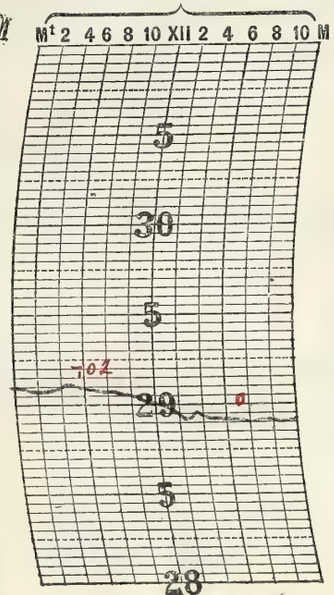
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.6; Wet temperature, 74.2
Dew-point, 69; R. humidity, 54; V. pressure, .207
Clouds: Amount, 4; Kind, ASt; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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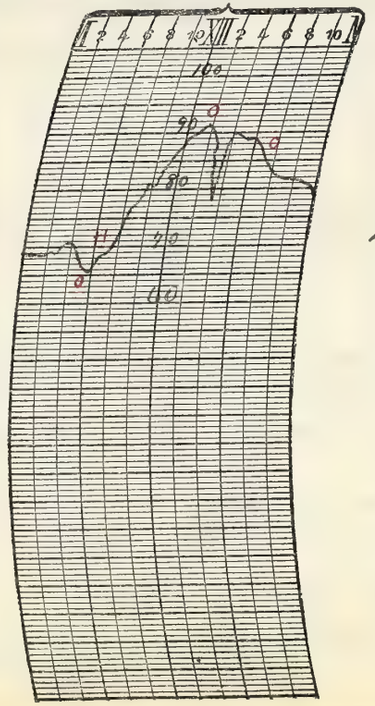


NOTES.

A thunderstorm of light intensity began at 5:35 a.m., and ended at 6:20 a.m.

A second thunderstorm of light intensity began at 1:12 p.m. moving from the northwest and ended at 3:12 p.m. It is reported that hail stones as large as small potatoes fell in the southern end of the city during this storm.

A partly cloudy and hot day. The maximum temperature, 92 degrees, was the highest recorded to date this year.

Prepared by

Verified by J. M. O'Donnell

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 17 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	74	72	71	73	76	78	79	80	80	79	78	77	77	75	74	71	69	67	65	64	65	65
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear					Pt. Cloudy							Clear				Pt. Cloudy			
Sunshine (in tenths of hours)					.47 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.25 0				
Wind direction	SW	W	SW	SW	SW	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N
Wind movement	7	8	7	8	8	10	12	16	16	19	17	15	19	17	19	21	21	17	13	10	8	7	6	4

Sunrise: Time, 4:08 Character, Clear
Moonrise: —

Sunset: Time, 7:17 Character, Clear
Moonset: 11:52a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	64	72	

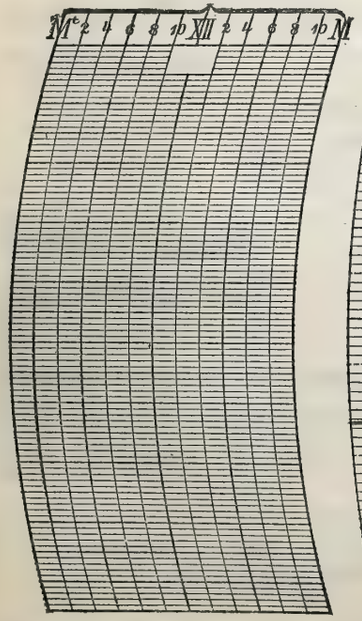
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, L.Q. 6:050 a.
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, W. Total wind 305
Average hourly velocity, 12.7 Extreme velocity, 28
Maximum velocity, 27 Direction, NW
Time began, 2:50 p.m.
Reduced barometer, 29.88 7 a. m. 29.99 7 p. m.
River gage, 3.4 Fall
Relative humidity, 62 7 a. m. 68 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

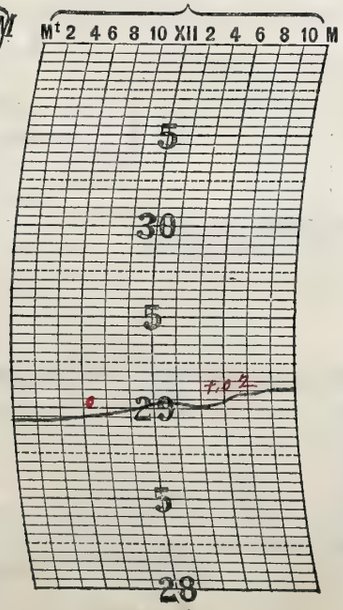
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 69.9
Dew-point, 62 R. humidity, 56 V. pressure, .553
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

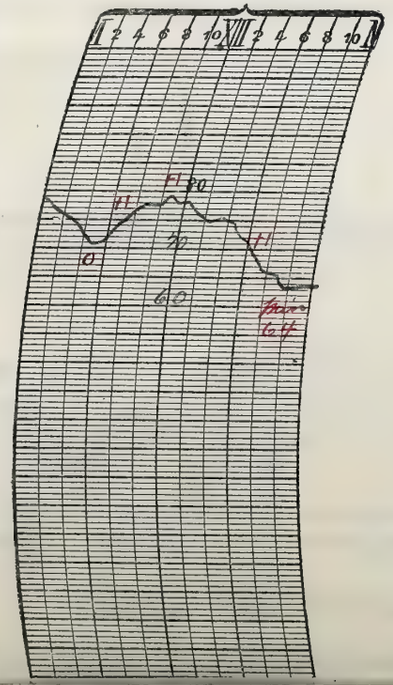
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and rather cool and pleasant day

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 18 1922, 192

Time (local standard). 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	61	62	62	62	63	64	67	67	69	71	71	71	70	68	68	69	67	67	66	66	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy							Cloudy								
Sunrise: Time, 4:08 Character, Cloudy																					Sunset: Time, 7:15 Character, Cloudy			
Moonrise: 12:08a Cloudy																					Moonset: 12:49p Cloudy			
Sunshine (in tenths of hours)					0	0	0.1	0.4	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0				
Wind direction	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	E	E	E	E	SE	S	S
Wind movement	5	3	4	3	4	4	8	6	5	7	6	6	5	6	7	7	8	6	4	2	2	3	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

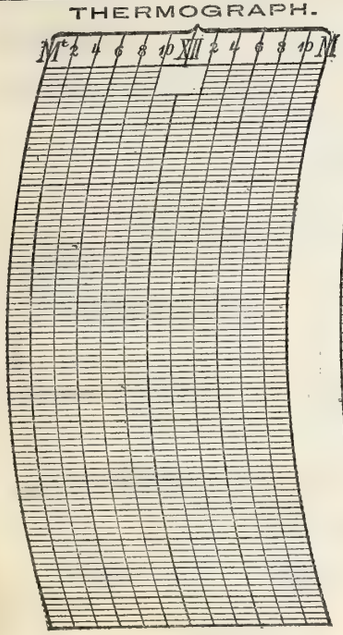
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	61	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 8.4 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 56
Prevailing wind direction, NE Total wind 116
Average hourly velocity, 4.8 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 8:52 p.m.
Reduced barometer, 30.07 7 a. m. 30.02 7 p. m.
River gage, 3.4 Fall.
Relative humidity, 84 7 a. m. 67 7 p. m.

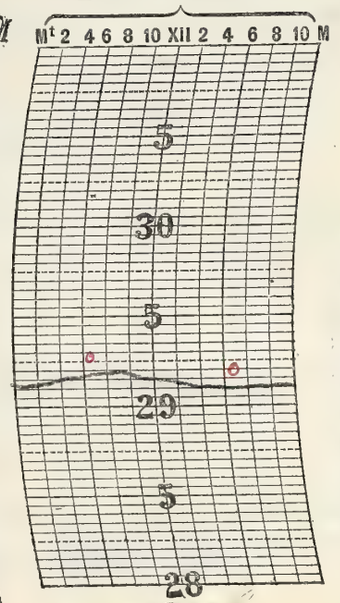
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.1 Wet temperature, 60.8
Dew-point, 56 R. humidity, 66 V. pressure, 448
Clouds: Amount, 9; Kind, Str.; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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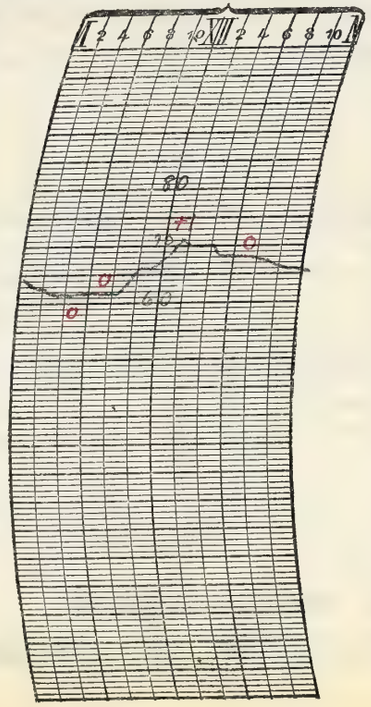


NOTES.

A cloudy and cool day though very pleasant to be outdoors.

Prepared by

Verified by O. M. Donovan

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 19 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	62	62	63	64	67	69	70	73	73	72	73	75	73	73	73	73	70	68	66	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Cloudy						Cloudy									→
Sunrise: Time, 4:08; Character, Cloudy																								
Moonrise: 12:37a																								
Sunset: Time, 7:16; Character, Cloudy																								
Moonset: 1:43p; Character, Cloudy																								
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.5	0.1	0				
Wind direction	S	S	E	S	S	S	S	S	N	N	NE	NE	NE	E	E	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	2	2	2	4	2	3	4	3	4	5	4	6	5	6	3	5	3	3	4	3	4	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

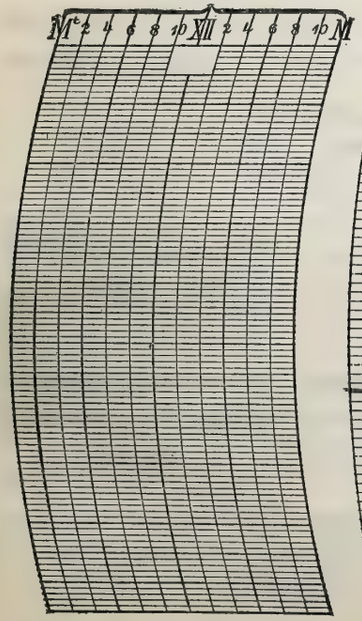
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	62	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 9.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 64
Prevailing wind direction, NE Total wind 95
Average hourly velocity, 4.0 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 10:34 p.m.
Reduced barometer, 29.05 7 a. m. 29.99 7 p. m.
River gage, 3.3 Feet
Relative humidity, 72 7 a. m. 61 7 p. m.

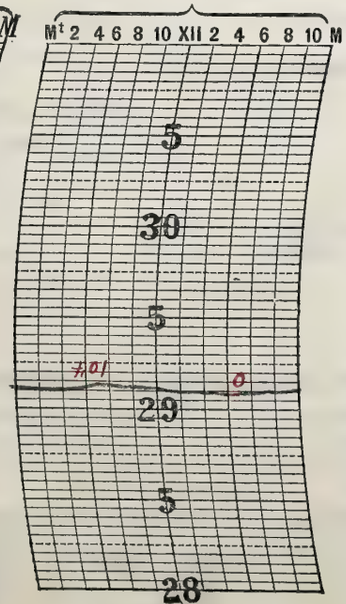
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 62.0
Dew-point, 55 R. humidity, 54 V. pressure, .432
Clouds: Amount, 9; Kind, St-Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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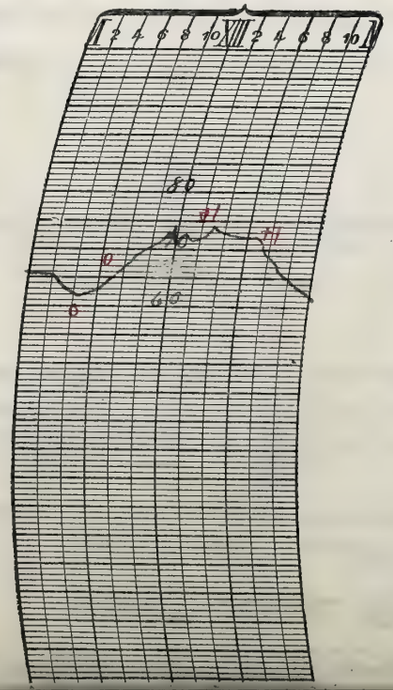


NOTES.

A cloudy day with mild temperatures

Prepared by CCS

Verified by P. McDonough

Verified by

Form No. 1012—McG.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 20 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	60	60	60	64	66	70	71	73	74	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear			→ Pt. Cloudy				
Sunshine (in tenths of hours)					.85 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	4	6	6	6	7	7	7	8	8	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	79	79	79	78	76	76	72	71	70	69	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy →		Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.04 0.6	.27 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	N	N
Wind movement	10	11	10	8	9	7	5	3	3	1	2	2

Sunrise: Time, 4:09 Character, Clear

Moonrise: 1:09a

Sunset: Time, 7:16 Character, Clear

Moonset: 2:45p Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	59	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 100

Prevailing wind direction, NE Total wind 155

Average hourly velocity, 6.6 Extreme velocity, 14

Maximum velocity, 14 Direction, NE

Time began, 2:42 P.M.

Reduced barometer, 30.01 7 a. m. 29.99 7 p. m.

River gage, 9.25 east

Relative humidity, 55 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

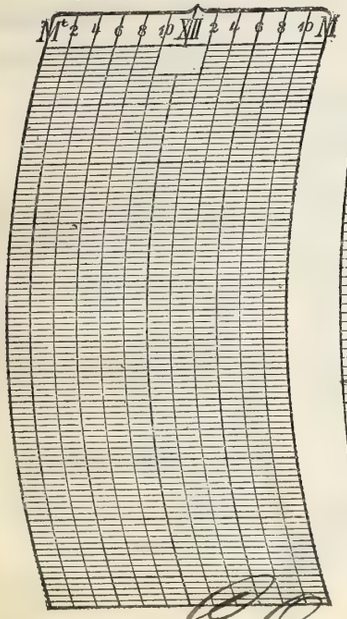
Dry temperature, 75.0 Wet temperature, 62.8

Dew-point, 56 R. humidity, 51 V. pressure, .448

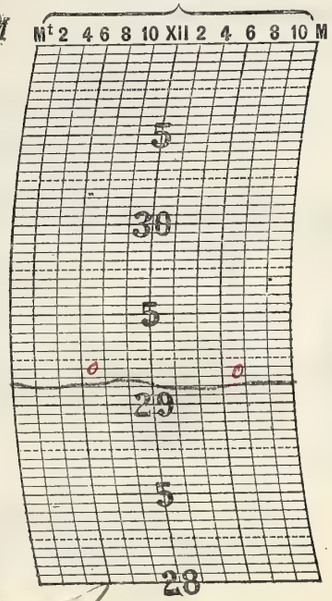
Clouds: Amount, 7; Kind, Cu; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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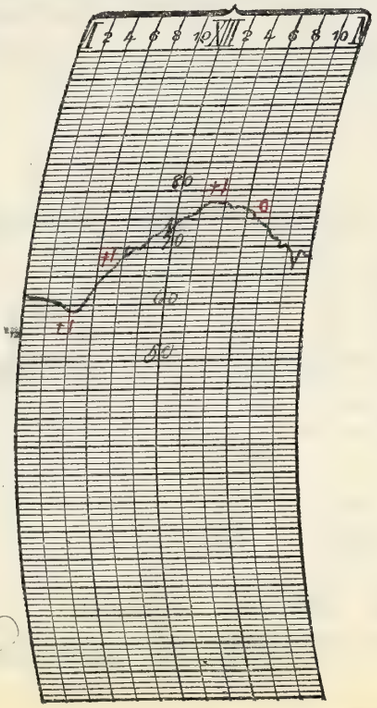


NOTES.

A pretty cloudy day with moderate temperatures though the sun was very warm.

Prepared by C. C. J.

Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 21 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	62	62	66	68	74	77	77	78	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear			→	
Sunshine (in tenths of hours)					.75 01	09	10	10	10	10	10	10
Wind direction	N	N	N	NW	SW	NW	NW	NW	NW	N	N	N
Wind movement	2	2	3	4	3	5	5	7	9	9	9	10
Maximum velocities (exceeding 22 miles) direction and time												

Sunrise: Time, 4:09; Character, Clear. Moonrise: 1:43a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	78	78	79	76	75	74	69	66	64	62	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cloudy			Clear		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.2	.27 0				
Wind direction	N	N	N	N	N	NE	N	NE	NE	NE	NE	NE
Wind movement	13	11	13	11	12	14	11	13	12	10	8	8
Maximum velocities (exceeding 22 miles) direction and time												

Sunset: Time, 7:16; Character, Clear. Moonset: 3:44p Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	60	70	

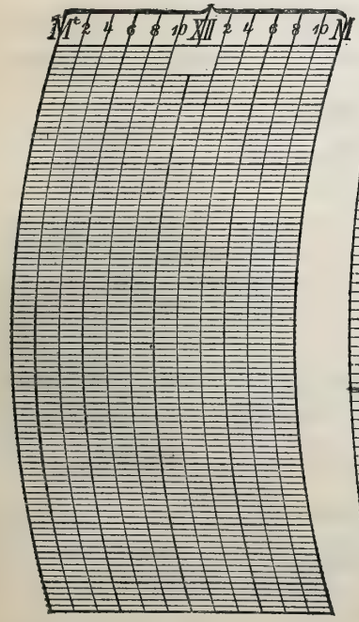
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 99
Prevailing wind direction, N Total wind 204
Average hourly velocity, 8.5 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 7:22pm
Reduced barometer, 30.04 7 a. m. 30.07 7, p. m.
River gage, 3.2 ice
Relative humidity, 79 7 a. m. 44 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

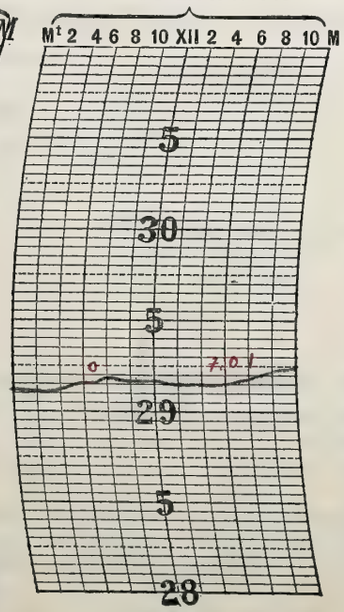
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.2 Wet temperature, 65.0
Dew-point, 58 R. humidity, 52 V. pressure, .482
Clouds: Amount, 5; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

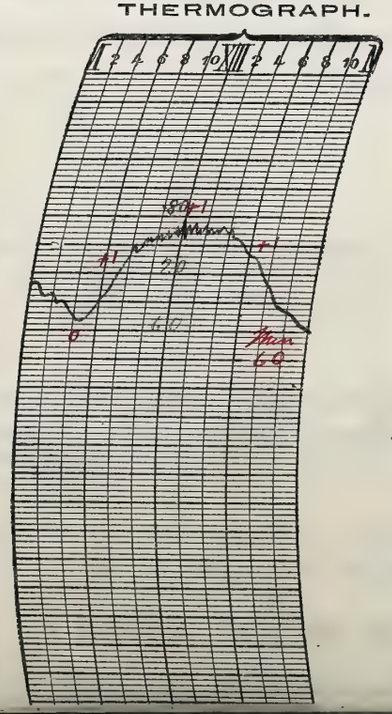
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and very pleasant day though the sunshine was hardly warm.

Summer solstice (summer commences) this date 11:27 p.m.

Prepared by C.C.B.

Verified by P. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 22 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	54	55	59	63	67	68	70	71	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					.45 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	N	N	N	NE	NE	NE	N	N	N
Wind movement	8	2	4	3	4	4	6	6	7	9	10	9

Sunrise: Time, 4:09; Character, Clear. Moonrise: 2:22a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	75	78	76	76	75	75	72	70	67	65	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9 .27 0.1	0				
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	10	9	9	8	9	6	5	2	1	1	1	1

Pt. Cldy. — Clear

Sunset: Time, 7:16; Character, Clear. Moonset: 4:44p Clear

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

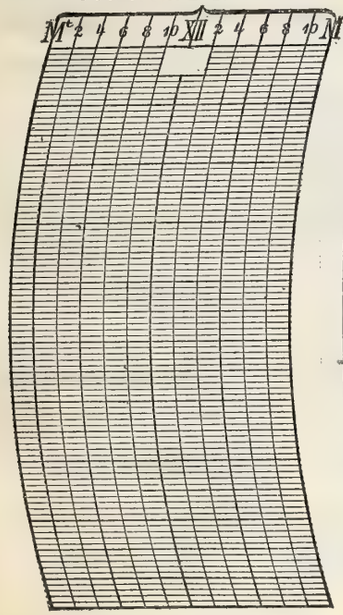
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, N. Total wind 134
Average hourly velocity, 5.6 Extreme velocity, 14
Maximum velocity, 13 Direction, NE
Time began, 10:19 a.m.
Reduced barometer, 30.19 7 a. m. 30.08 7 p. m.
River gage, 3.1 Feet
Relative humidity, 53 7 a. m. 40 7 p. m.

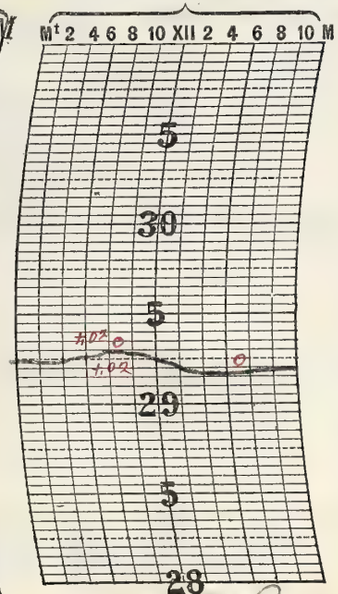
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 73.7 Wet temperature, 55.2
Dew-point, 39 R. humidity, 29 V. pressure, 23.7
Clouds: Amount, 1; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

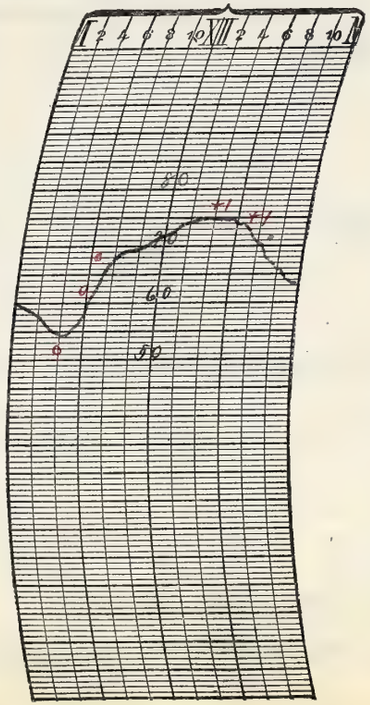
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with moderate temperatures.

Prepared by

Verified by P. M. Donovan

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 23 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	60	59	60	63	67	72	76	78	81	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear				Clear							
Sunshine (in tenths of hours)					.85 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	0	NW	NW	S	SW	SW	SW	W	SW
Wind movement	3	1	1	0	1	3	6	8	11	10	10	9

Sunrise: Time, 4:09 Character, Clear
Moonrise: 3:05a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	88	88	88	89	88	84	82	78	76	74	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	.28 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW
Wind movement	8	8	9	9	9	7	6	7	8	8	7	9

Sunset: Time, 7:17 Character, Clear
Moonset: 5:44p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

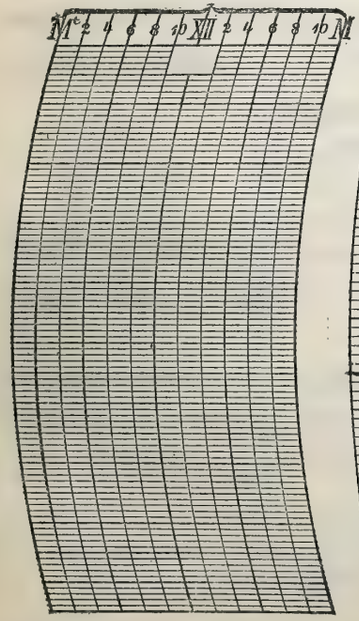
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	58	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 14.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 99
Prevailing wind direction, SW Total wind 158
Average hourly velocity, 6.6 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 8:30a.m.
Reduced barometer, 30.15 7 a. m. 30.06 7, p. m.
River gage, 3.0 Feet
Relative humidity, 50 7 a. m. 27 7 p. m.

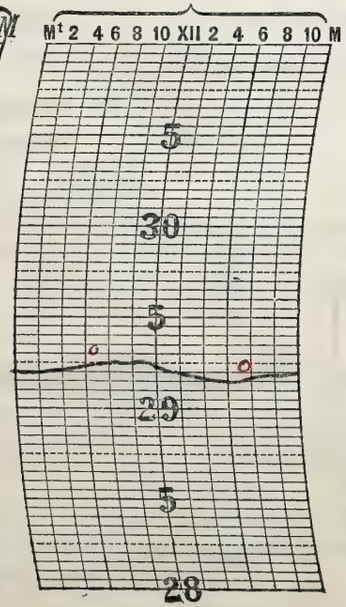
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.0 Wet temperature, 68.0
Dew-point, 36 R. humidity, 19 V. pressure, .211
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

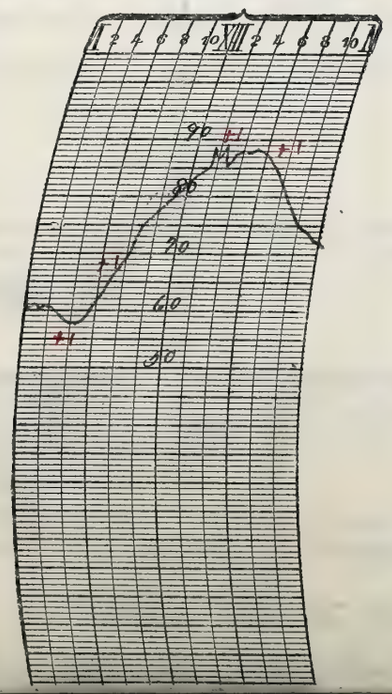
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and very warm day though a light breeze made the day rather pleasant.

Prepared by C.O.S.
Verified by P. M. Lamoureux

Form No. 1012—Mo. T.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 24 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	66	67	69	74	80	83	88	90	92	93	94	95	94	86	85	85	82	77	75	72	70
																	AB 4:45	AE 5:05						
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																	T	T						
Cloudiness and other conditions					←				Clear					Clear			Pt Cldy	Cldy		Pt Cloudy				→
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	W	W	N	N	N	N
Wind movement	9	10	11	9	9	12	14	14	19	15	13	13	17	16	15	15	12	6	5	4	8	11	9	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:10 Character, Clear
Moonrise: 9:55a
Sunset: Time, 7:17 Character, Cloudy
Moonset: 6:41p Cloudy

.83 0.8

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

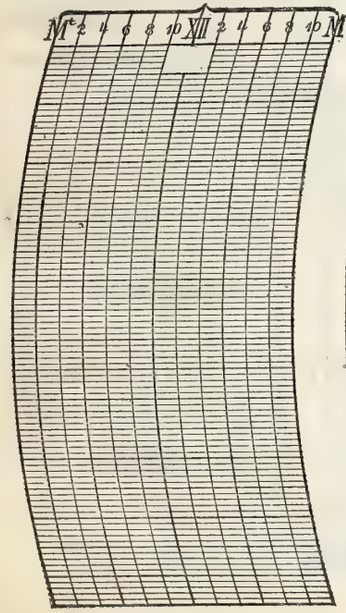
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
95	65	80	

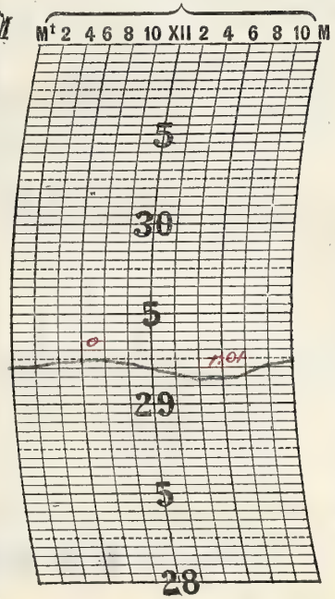
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, New 10:22 p
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 79
Prevailing wind direction, S.W. Total wind 274
Average hourly velocity, 11.4 Extreme velocity, 24
Maximum velocity, 24 Direction, SW
Time began, 8:16 a.m.
Reduced barometer, 30.12 7 a. m. 30.04 7, p. m.
River gage, 2.8 f rise
Relative humidity, 45 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 91.0 Wet temperature, 66.0
Dew-point, 50 R. humidity, 25 V. pressure, 36.0
Clouds: Amount, Few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

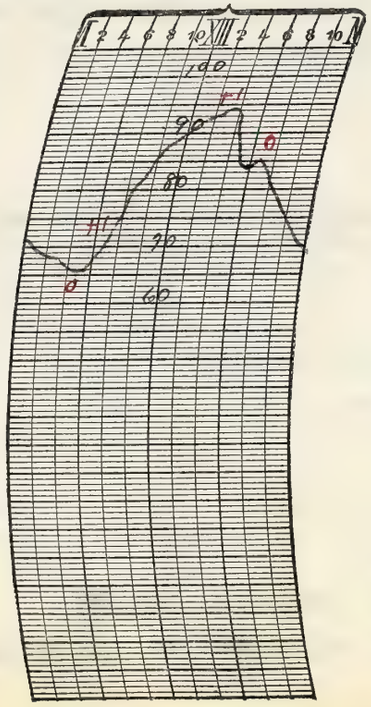
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light peals of thunder were heard from 7:18 p.m. until 7:55 p.m., from a storm which moved from the northwest and passed to the north of the station. No precipitation occurred at the station as a result of this storm.

A clear and hot day, this being the warmest June 24th since the opening of the station in 1911 with a maximum temperature of 95 degrees.

Prepared by J. M. Donough
Verified by J. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 25 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	67	65	62	63	65	67	69	72	74	74	74	75	74	72	70	69	66	63	61	58	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear						Clear	→	Pt Cloudy							
Sunrise: Time, Character,	4:10 Clear																							
Moonrise:	4:57a Clear																							
Sunset: Time, Character,																					7:17 Cloudy			
Moonset:																					7:35p Cloudy			
Sunshine (in tenths of hours)					.83 0	0.5 0.5	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	0.7 0.1	0.1 0	0				
Wind direction	N	NW	W	NW	N	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	NE	NE	E
Wind movement	4	4	5	5	8	12	13	11	9	8	7	9	11	10	10	10	9	9	9	9	9	7	10	15
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	57	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 13.6 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 90

Prevailing wind direction, N Total wind 211

Average hourly velocity, 8.8 Extreme velocity, 18

Maximum velocity, 17 Direction, NE

Time began, 5:52 a.m.

Reduced barometer, 30.22 7 a. m. 30.20 7 p. m.

River gage, 2.8 Feet

Relative humidity, 72 7 a. m. 78 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

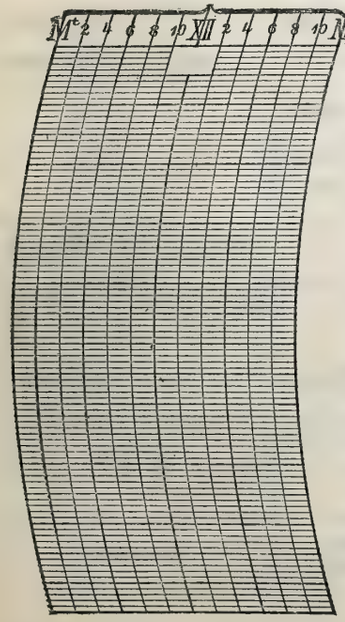
Dry temperature, 73.0 Wet temperature, 59.5

Dew-point, 50 R. humidity, 45 V. pressure, 36.0

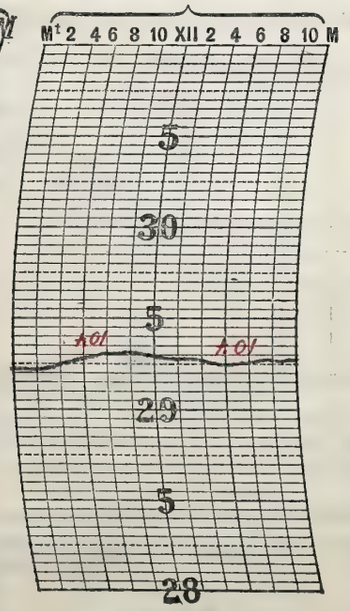
Clouds: Amount, 1; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

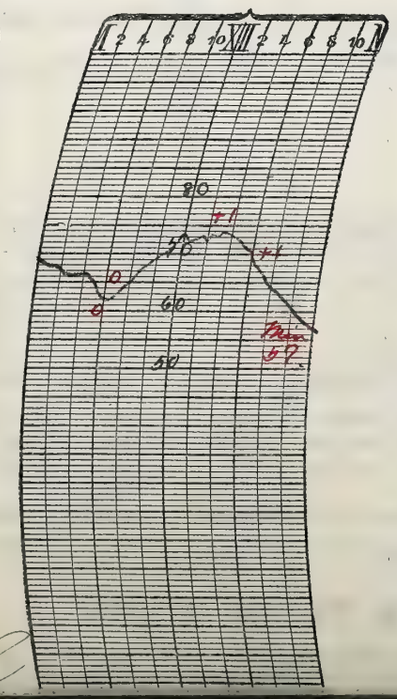
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear, cool and very pleasant day.

Prepared by C. M. C.

Verified by P. M. Donovan

Form No. 1014—Nov. 1.

Verified by F. M. Denough
Form No. 1014—M6U 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 26 1922, 192

Time (local standard). 22 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	54	54	54	55	57	60	62	66	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0	0	0.1	1.0	0.8	1.0	0.6
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	11	9	8	6	8	8	9	10	10	9	9	7
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	68	67	67	67	67	66	66	64	63	62
State of weather: Nature of precipitation and time of beginning and ending				RB 3:17	RE 4:10						RB 10:30	
Amounts of precipitation				T	T						T	T
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	7	6	6	6	6	6	6	6	6	5	5
Maximum velocities (exceeding 22 miles) direction and time												

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 5:54a Cloudy
Sunset: Time, 7:17 Character, Cloudy
Moonset: 8:24p Cloudy

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

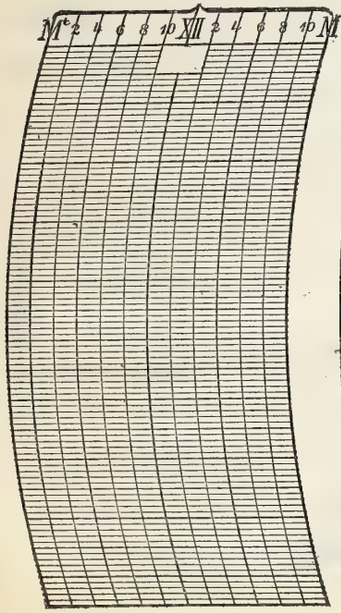
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	54	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.5 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 23
Prevailing wind direction, E Total wind 176
Average hourly velocity, 7.3 Extreme velocity, 13
Maximum velocity, 13 Direction, E
Time began, 12:11 a.m.
Reduced barometer, 29.20 7 a. m. 29.03 7 p. m.
River gage, 2.8 Feet.
Relative humidity, 71 7 a. m. 58 7 p. m.

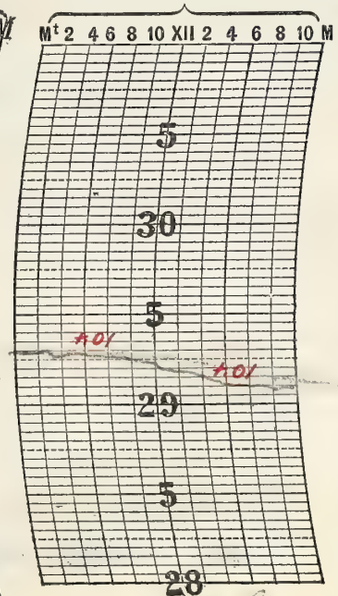
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.0 Wet temperature, 55.8
Dew-point, 47 R. humidity, 49 V. pressure, 322
Clouds: Amount, 10; Kind, Ast.; Direction, NW.
Velocity of clouds (miles per hour)

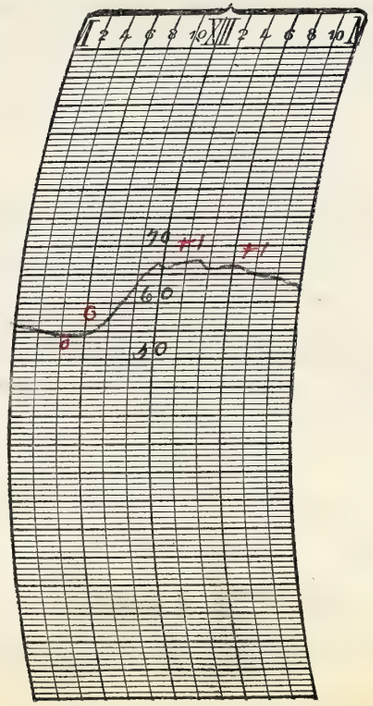
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures

Prepared by
Verified by F. M. Denough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 27 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	60	59	60	61	62	65	70	71	71	68
						RE 5:40	RB 6:58	PT 7:36			RB 10:53	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.04	T	T	.06	.05	.03	T	.01			T	.06
Cloudiness and other conditions	← Cloudy →											

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	74	76	78	78	77	76	72	72	70	69	68
	RE 12:19											
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.02											
Cloudiness and other conditions	Cloudy			×	Pt. Cloudy →							

Sunrise: Time, 4:11 Character, Cloudy
Moonrise: 7:01 a Cloudy

Sunset: Time, 7:17 Character, Cloudy
Moonset: 8:08 p Cloudy

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0	0
Wind direction	E	E	E	E	E	E	E	E	SE	S	SW	SW
Wind movement	4	5	4	3	4	3	3	2	3	6	5	5
Maximum velocities (exceeding 27 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.4	0.4	0.2	0.4	1.0	0.6	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SE
Wind movement	6	5	4	4	8	8	8	5	3	1	3	3
Maximum velocities (exceeding 27 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

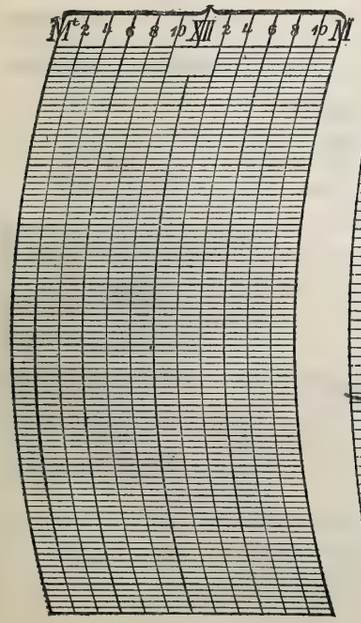
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	59	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., .09 ins.
Total precipitation, midnight to midnight, .27 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.2 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 21
Prevailing wind direction, SW. Total wind 105
Average hourly velocity, 4.4 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 4:55 p.m.
Reduced barometer, 29.92 7 a. m. 29.83 7, p. m.
River gage, 2.8 Feet.
Relative humidity, 87 7 a. m. 80 7 p. m.

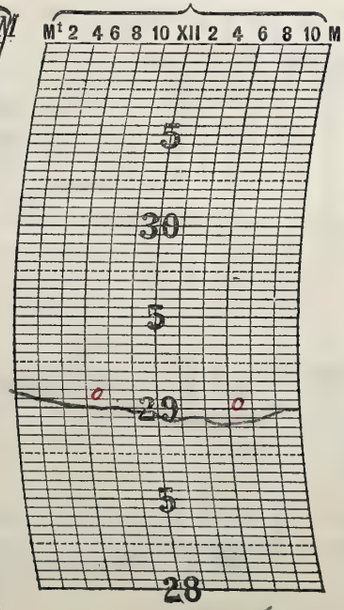
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 66.9
Dew-point, 66 R. humidity, 85 V. pressure, .638
Clouds: Amount, 10; Kind, Nb; Direction, SW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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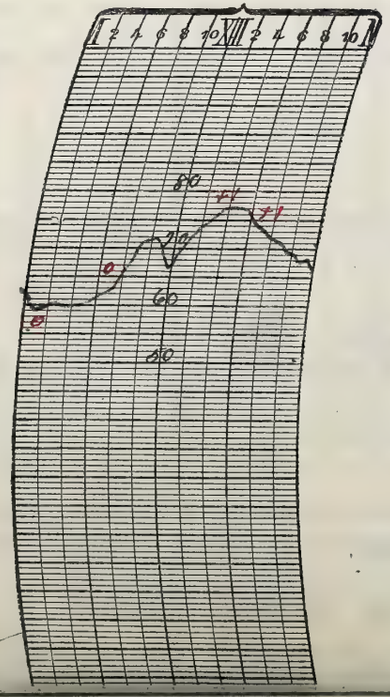


NOTES.

A thunderstorm of light intensity, accompanied by a light shower, and moving from the southwest, began at 11:54 a.m. and ended at 12:17 p.m.

A cloudy and moderately warm day.

Prepared by

Verified by T. McDonough

Verified by _____
Form No. 1012—Mec 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 28 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	63	63	64	66	74	80	82	81	77
State of weather: Nature of precipitation and time of beginning and ending												RB 11:25 RE 11:38
Amounts of precipitation												.02
Cloudiness and other conditions					← Clear		× Pt. Cldy		× Cloudy			
Sunrise: Time, Character,	4:11 Cloudy											
Moonrise:	8:09a Cloudy											
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	1.0	0.6	0
Wind direction	SE	SE	NE	E	E	E	E	E	E	SE	SE	S
Wind movement	1	2	3	3	5	3	3	3	3	4	4	5
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	72	71	70	69	68	68	67	67	67	66	66
State of weather: Nature of precipitation and time of beginning and ending		RB 1:35		RE 3:10	RB 4:30	RE 5:45						
Amounts of precipitation		.10	.01	.01	T	.02						
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,										7:17 Cloudy		
Moonset:										9:48p Cloudy		
Sunshine (in tenths of hours)	0.5	0.5	0	0	0	0	0	0				
Wind direction	S	NE	N	S	SW	SW	SE	S	S	S	NW	W
Wind movement	7	8	3	3	6	7	4	4	4	5	4	6
Maximum velocities (exceeding 22 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

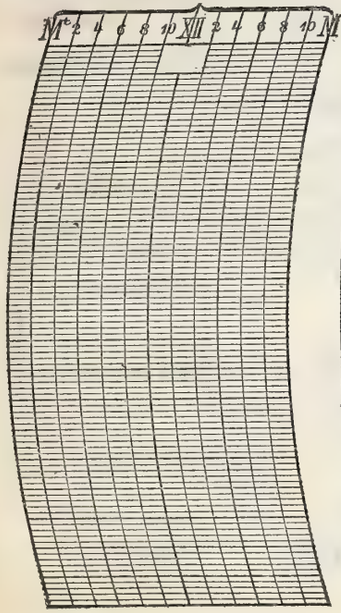
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	72	

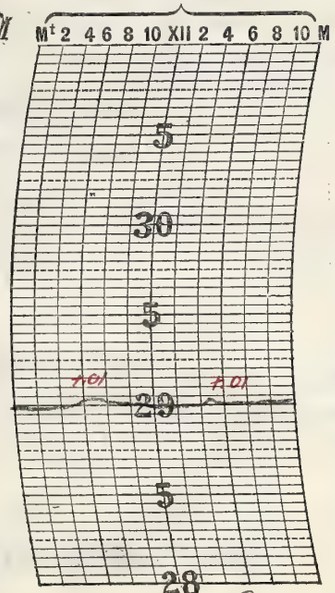
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .16 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 30
Prevailing wind direction, E + S Total wind 100
Average hourly velocity, 4.2 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 1:20 p.m.
Reduced barometer, 29.93 7 a. m. 29.92 7 p. m.
River gage, 2.7 Feet
Relative humidity, 96 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 77.8 Wet temperature, 72.3
Dew-point, 70 R. humidity, 77 V. pressure, .732
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

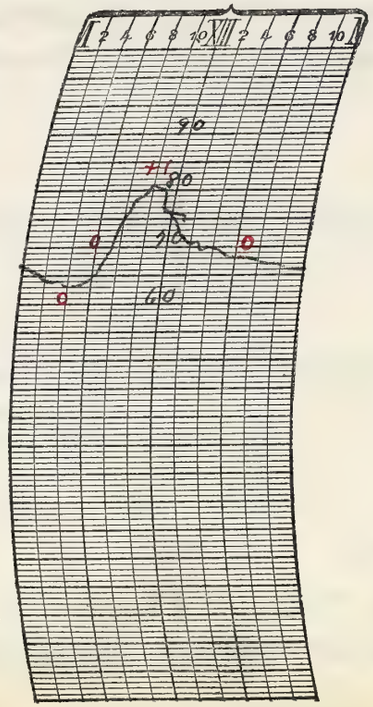
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

St. Flag began 10 M. A.
St. Flag ended 8:02 a.m.
A thunderstorm of light intensity moving from the northwest began at 11:20 a.m. and ended at 3:10 p.m.

Prepared by CWS
Verified by C. M. Demuth

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 29 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	65	66	67	67	68	70	72	76	79
State of weather: Nature of precipitation and time of beginning and ending		ABVE DNB										
Amounts of precipitation		T										
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.3	0.9	1.0	1.0
Wind direction	W	W	W	NW	W	W	W	W	W	SW	SW	SW
Wind movement	5	5	4	3	3	4	4	5	3	5	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	83	82	82	82	82	78	76	73	72	69
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cldy ×					Clear						
Sunshine (in tenths of hours)	1.0	1.0	0.7	1.0	0.9	0.2 / 0.4	1.0 / 0	.28 / 0				
Wind direction	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	7	8	7	7	7	6	4	3	1	3	4	3

Sunrise: Time, 4:11 Character, Cloudy

Moonrise: 9:12a Cloudy

Sunset: Time, 7:17 Character, Clear

Moonset: 10:26p Clear

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 9.7 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 64

Prevailing wind direction, NW Total wind 111

Average hourly velocity, 4.6 Extreme velocity, 10

Maximum velocity, 10 Direction, SW

Time began, 1:03 pm.

Reduced barometer, 29.98 7 a. m. 29.96 7 p. m.

River gage, 2.8 Feet.

Relative humidity, 92 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

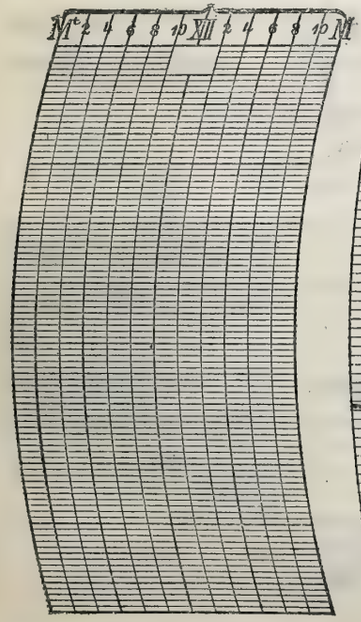
Dry temperature, 79.8 Wet temperature, 68.0

Dew-point, 62 R. humidity, 55 V. pressure, .555

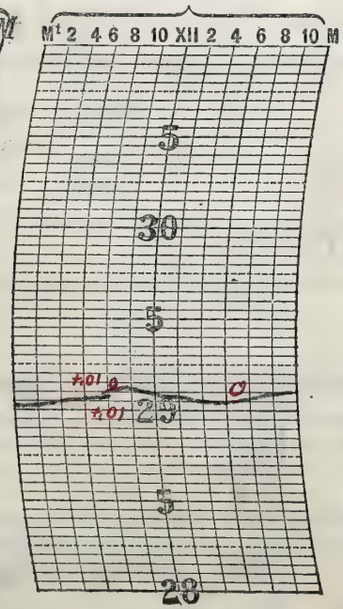
Clouds: Amount, 3; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

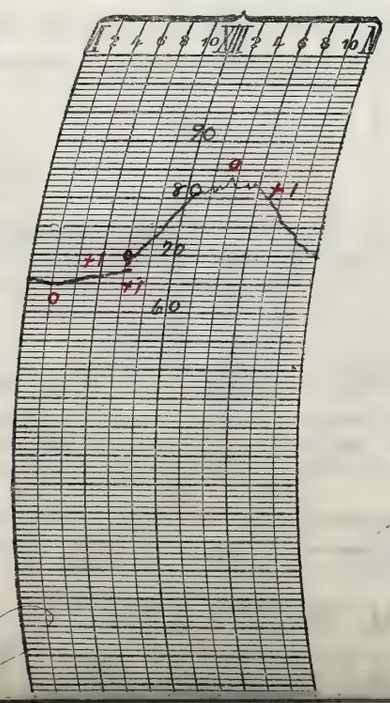
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderately high temperatures

Prepared by C. O. S.

Verified by P. McDonough

Verified by _____
FORM NO. 1012—Nov 8

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 30 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	67	68	68	69	74	77	81	83	83	84	85	84	70	76	74	74	74	74	73	74	74	73
State of weather. Nature of precipitation and time of beginning and ending															1:18 2:00 1:16 2:35		1:13 1:19 1:25 1:41 1:50 1:51 1:52 1:57 1:22 1:25 1:28 1:33 1:35 1:38 1:42							
Amounts of precipitation															.21		.22							
Cloudiness and other conditions					← Clear					→ Pt. Cldy			→			Cloudy								→

Sunrise: Time, 4:12 Character, Cloudy
Moonrise: 10:28a Cloudy
Sunset: Time, 7:17 Character, Cloudy
Moonset: 11:01p

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0				
Wind direction	N	N	E	E	E	E	E	S	S	SW	SW	SW	S	SW	SW	NW	S	SE	S	S	S	S	S	SW
Wind movement	4	3	3	4	2	2	3	10	10	13	13	14	14	9	13	3	8	8	5	4	5	6	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

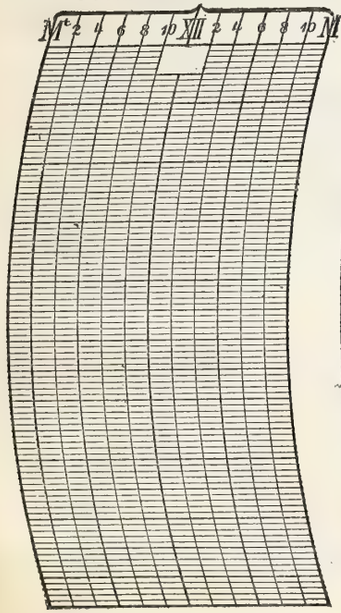
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .43 ins.
Total precipitation, midnight to midnight, .43 inches.
Character of day, Pt. Cloudy. Moon phase, _____
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 7.2 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 48
Prevailing wind direction, S Total wind 177
Average hourly velocity, 7.4 Extreme velocity, 28
Maximum velocity, 26 Direction, W.
Time began, 2:30pm.
Reduced barometer, 29.96 7a. m. 29.86 7p. m.
River gage, 2.8 Feet.
Relative humidity, 74 7a. m. 83 7p. m.

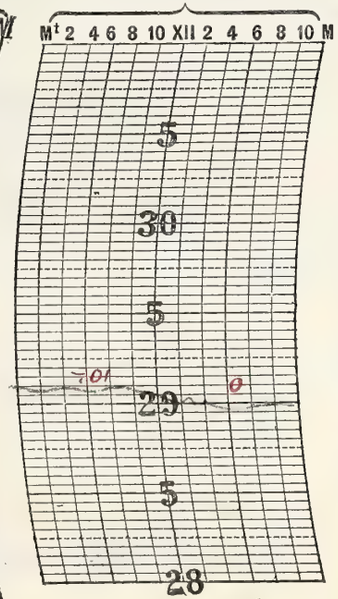
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.8 Wet temperature, 72.8
Dew-point, 68 R. humidity, 56 V. pressure, .684
Clouds: Amount, 7; Kind, Cu; Direction, SW.
Velocity of clouds (miles per hour)

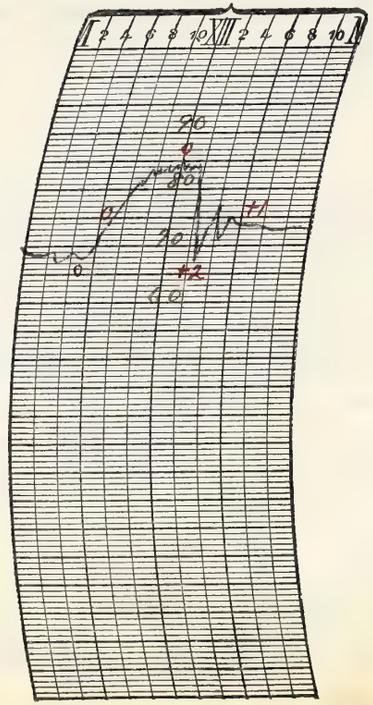
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm of slight intensity moving from the west began at 1:57pm, and ended at 4:30pm.
A partly cloudy and moderately warm day.

Prepared by C.O.S.
Verified by F. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL - 1 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	70	71	70	70	71	72	76	79	81
Nature of precipitation and time of beginning and ending					RB DNA				RE 8:05			
Amounts of precipitation					T	.28	.03	.02	.01			
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.8	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW
Wind movement	11	9	10	12	11	11	8	9	9	12	13	13

Sunrise: Time, 4:12; Character, Cloudy. Moonrise: 11:37a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	85	81	86	86	84	81	79	78	78	76	75
Nature of precipitation and time of beginning and ending			RB 2:00 RE 2:15									
Amounts of precipitation			T									
Cloudiness and other conditions	Pt. Cldy	Cldy	Cldy	Pt. Cloudy								
Sunshine (in tenths of hours)	1.0	1.0	0.5	0.6	1.0	0.2	0	0				
Wind direction	SW	SW	W	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	12	15	11	11	11	9	9	9	7	8	7	4

Sunset: Time, 7:17; Character, Cloudy. Moonset: 11:27p Cloudy

Maximum velocities (exceeding 22 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	69	78	

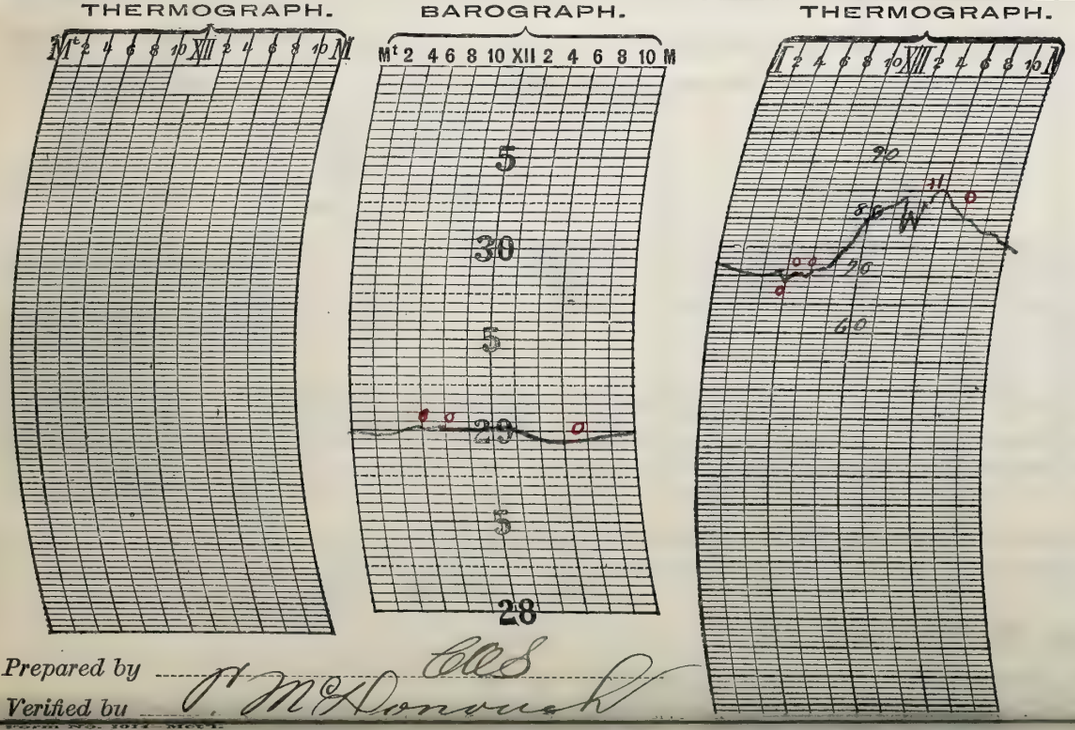
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .30 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .34 inches.
Character of day, Cloudy. Moon phase, F.Q. - 4:32 p.m.
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.1. Possible sunshine, hours, 15.1
Per cent of possible sunshine, 47
Prevailing wind direction, SW. Total wind 241
Average hourly velocity, 10.0. Extreme velocity, 23
Maximum velocity, 18. Direction, SW.
Time began, 11:13 a.m.
Reduced barometer, 29.91 7 a. m. 29.85 7 p. m.
River gage, 3.1 Feet.
Relative humidity, 98 7 a. m. 68 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 74.0
Dew-point, 71 R. humidity, 74 V. pressure, .252
Clouds: Amount, 6/2; Kind, AST/Cu; Direction, W/SW.
Velocity of clouds (miles per hour)

THERMOGRAPH. BAROGRAPH. THERMOGRAPH.



NOTES.

A few peals of thunder were heard in the west between 5:00 a.m. and 5:15 a.m.

A thunderstorm moving from the west of very light intensity began at 11:59 p.m. and ended at 12:18 p.m.

A cloudy and moderately warm day.

Prepared by CCS
Verified by F. McDonough

Verified by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Sunday, (Date) JUL -2 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	71	70	71	71	72	75	76	77	77
State of weather: Nature of precipitation and time of beginning and ending							RB 6:20 RE 6:22 RB 6:35	RE 7:15				
Amounts of precipitation							T	T				
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:13 Cloudy											
Moonrise:	12:45p Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.3	0.2	0	0.2
Wind direction	NW	NW	NW	NW	NW	NW	N	E	E	E	S	S
Wind movement	3	2	3	3	3	3	4	5	4	3	4	7
Maximum velocities (exceeding 99 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	78	79	78	77	73	71	70	70	70	70	69
State of weather: Nature of precipitation and time of beginning and ending		RB 1:45 RE 1:55				RB 5:00 RE 5:20	RB 6:25 RE 6:35		RB 8:40 RE 8:55			
Amounts of precipitation		T				T	T		T			
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									7:17 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	0.5	1.0	0.7	0.3	0	0	0	0				
Wind direction	S	SW	SW	SW	SW	E	E	E	E	N	N	NW
Wind movement	7	12	13	10	6	7	8	4	2	4	3	6
Maximum velocities (exceeding 99 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

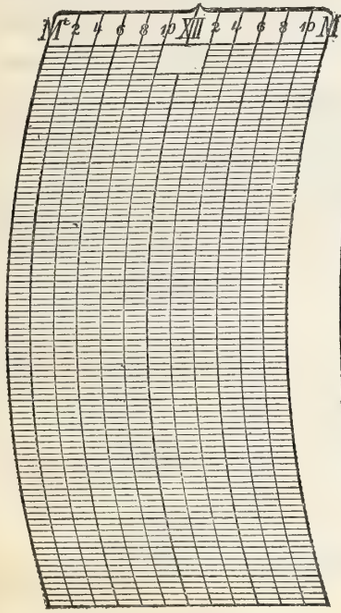
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	69	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.2 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 21
Prevailing wind direction, E+NW Total wind 126
Average hourly velocity, 5.2 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 2:33 p.m.
Reduced barometer, 29.95 7 a. m. 29.91 7 p. m.
River gage, 3.4 Feet
Relative humidity, 86 7 a. m. 86 7 p. m.

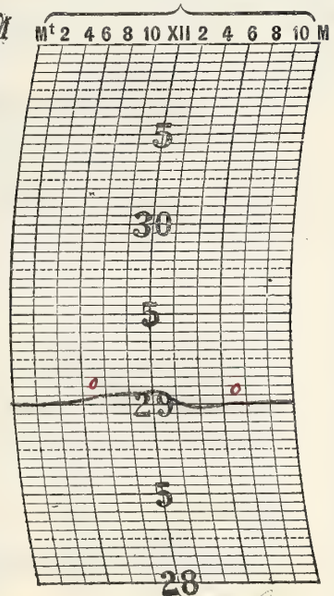
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 72.0
Dew-point, 70 R. humidity, 79 V. pressure, 29.32
Clouds: Amount, 9; Kind, St-Cu; Direction, S
Velocity of clouds (miles per hour)

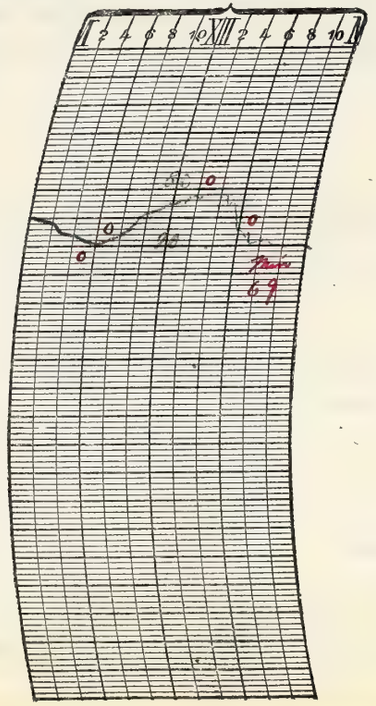
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and rather warm day

Prepared by _____

Verified by P. McDonough

8—480

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 3 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	65	64	63	64	64	64	66	68	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, Character, 4:13 Cloudy												
Moonrise: 1:00p Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0.9	1.0	1.0
Wind direction	N	NW	N	N	NW	N	N	N	N	N	N	N
Wind movement	7	9	9	6	8	8	12	12	11	12	12	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	71	69	69	68	64	62	60	58	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy →								
Sunset: Time, Character, 7:17 Cloudy												
Moonset: 12:13a —												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.3	0	0	0				
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	13	12	12	11	10	9	10	9	10	7	5	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

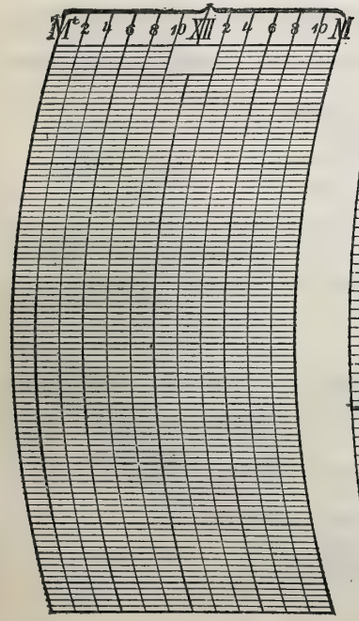
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	57	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 7.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 46
Prevailing wind direction, N. Total wind 229
Average hourly velocity, 9.5 Extreme velocity, 17
Maximum velocity, 16 Direction, NW
Time began, 12:45 p.m.
Reduced barometer, 29.99 7 a. m. 30.07 7 p. m.
River gage, 4.0 Feet.
Relative humidity, 81 7 a. m. 48 7 p. m.

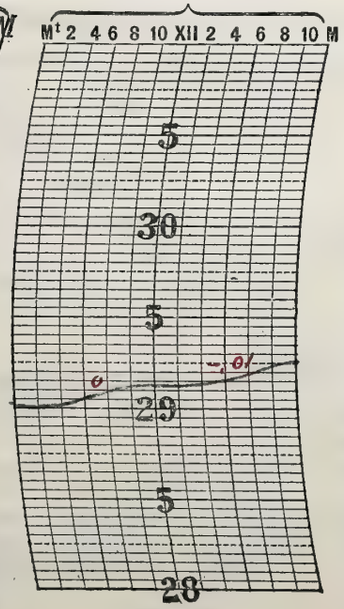
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.8 Wet temperature, 55.3
Dew-point, 46 R. humidity, 48 V. pressure, 31.0
Clouds: Amount, 9; Kind, Ast; Direction, W.
Velocity of clouds (miles per hour)

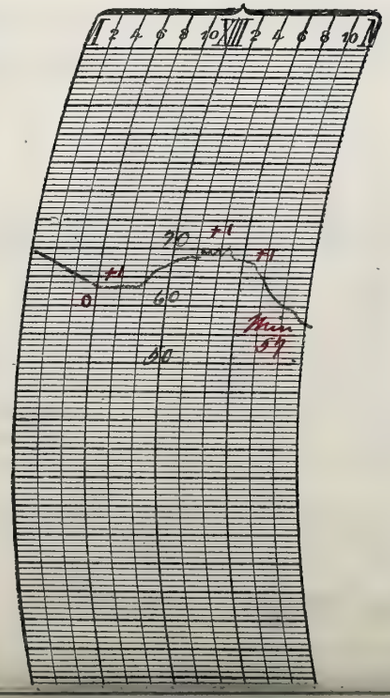
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Solar halo of 22° reading observed from 11:10 a.m. until about 3:25 p.m. A cloudy day with moderate temperatures.

Prepared by CDS

Verified by C. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL -4 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	53	52	52	55	56	60	63	64	66	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunrise: Time, Character,	4:14 Clear											
Moonrise:	2:57p Clear											
Sunshine (in tenths of hours)					.77 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	NE	NE
Wind movement	4	5	4	5	4	4	9	8	12	10	13	9
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	70	71	72	71	70	69	66	64	62	60	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										→		
Sunset: Time, Character,									7:16 Clear			
Moonset:									12:51a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.27 0				
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	SE	SE	SE
Wind movement	8	8	7	6	7	6	5	4	5	6	4	3
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

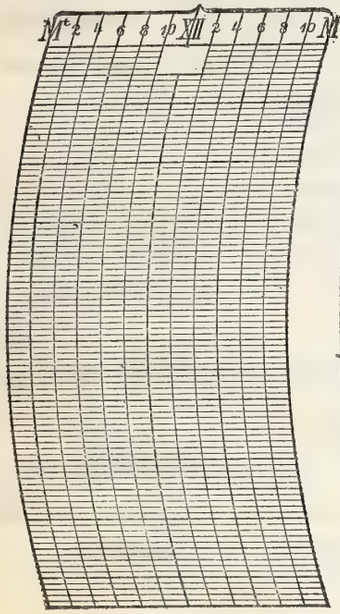
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	52	62	✓

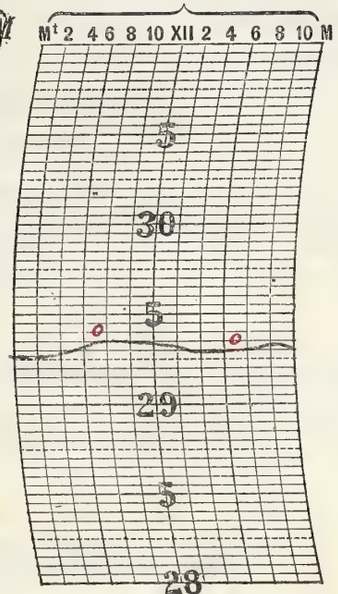
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind 256
Average hourly velocity, 6.5 Extreme velocity, 17
Maximum velocity, 17 Direction, NE
Time began, 10:08 a.m.
Reduced barometer, 30.25 7 a. m. 30.21 7 p. m.
River gage, 3.7 Feet.
Relative humidity, 63 7 a. m. 38 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 68.0 Wet temperature, 53.0
Dew-point, 39 R. humidity, 35 V. pressure; 337
Clouds: Amount, 1; Kind, Ast; Direction, NW
Velocity of clouds (miles per hour)

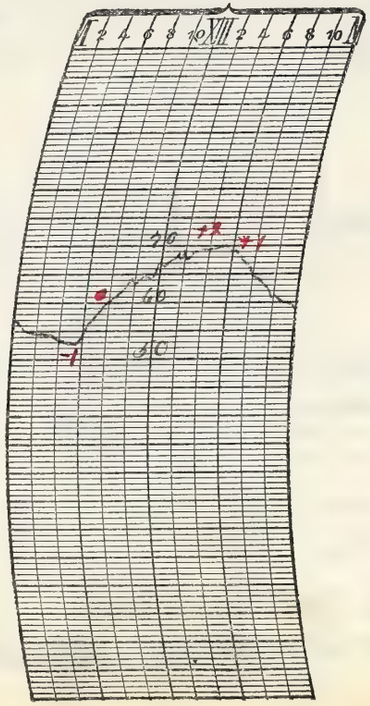
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with mild temperatures making it a not ideal day.

Prepared by CDS
Verified by C. M. Donnegan

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL - 5 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	52	51	53	58	60	65	66	69	68	72	73	74	76	76	75	74	74	70	68	66	64	64
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear							Clear						→		
Sunrise: Time, 4:15 Character, Clear																					Sunset: Time, 7:16 Character, Clear			
Moonrise: 8:00p Clear																					Moonset: 1:32a			
Sunshine (in tenths of hours)					.75 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	.27 0				
Wind direction	SE	E	E	E	E	E	SE	SE	SE	SE	E	SE	S	S	S	S	SW	S	S	S	S	S	S	S
Wind movement	3	2	4	4	2	2	2	4	5	5	7	6	6	5	5	5	7	6	4	2	2	2	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	51	64	

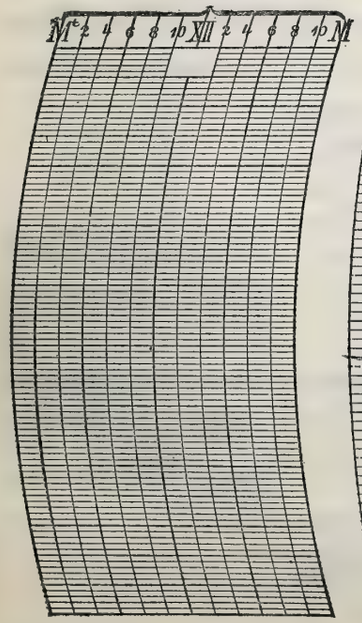
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind 97
Average hourly velocity, 4.0 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 5:17 p.m.
Reduced barometer, 30.26 7 a. m. 30.11 7 p. m.
River gage, 3.2 Feet
Relative humidity, 61 7 a. m. 24 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

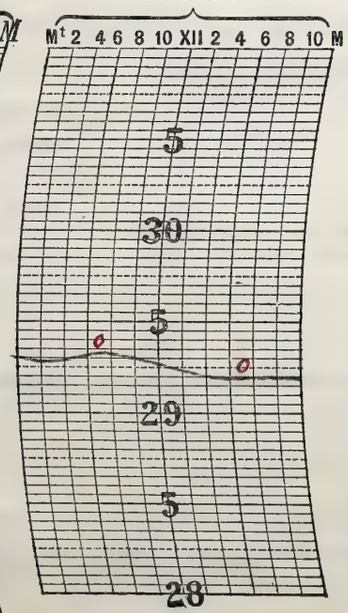
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.0 Wet temperature, 54.0
Dew-point, 38 R. humidity, 31 V. pressure, .228
Clouds: Amount, Few; Kind, Cirr; Direction, NW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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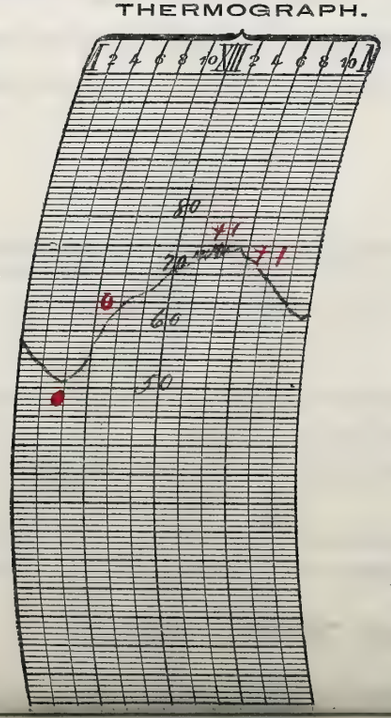


NOTES.

A clear day with moderate temperatures.

Prepared by C. M. S.

Verified by C. M. Denoncourt

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL -6 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	61	60	58	58	60	63	70	75	77	79	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←					Clear		
Sunshine (in tenths of hours)					.75 / 0	1.0 / 0	0.4 / 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	3	6	6	9	9	10	11	11	13	13	12

Sunrise: Time, 4:15; Character, Clear. Moonrise: 5:00p; Cloudy.

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	82	83	83	84	83	81	80	75	74	72	69	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear	× Pt. Cldy ×	Cloudy	× Pt. Cldy	×	Clear	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	12	14	13	14	14	11	8	10	11	11	11	12

Sunset: Time, 7:16; Character, Cloudy. Moonset: 2:18a; —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

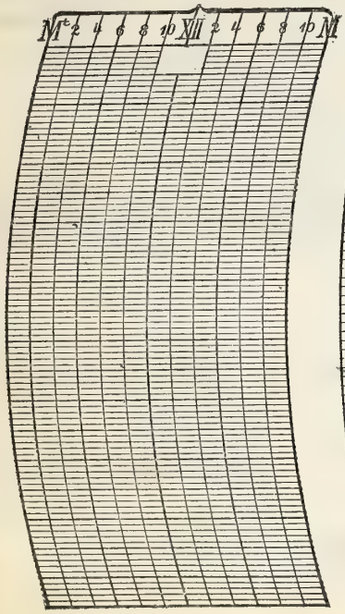
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	58	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 2
Actual sunshine, hours, 13.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 87
Prevailing wind direction, SW Total wind 248
Average hourly velocity, 10.3 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 1:36 p.m.
Reduced barometer, 29.09 7 a. m. 29.90 7 p. m.
River gage, 3.0 Feet
Relative humidity, 65 7 a. m. 36 7 p. m.

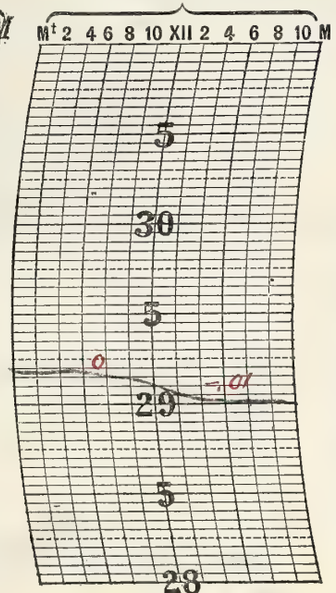
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 63.0
Dew-point, 52 R. humidity, 36 V. pressure, .387
Clouds: Amount, 3; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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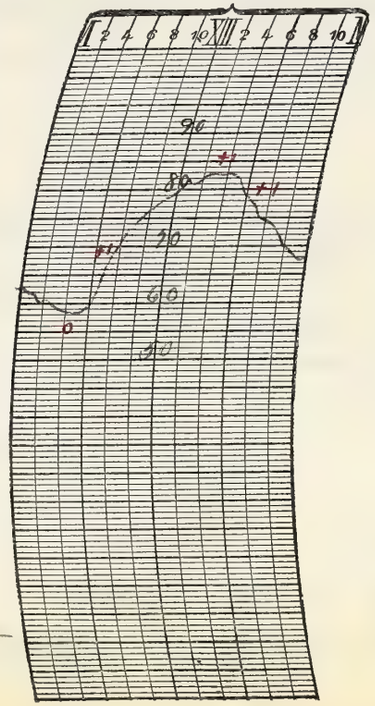


NOTES.

A clear and moderately warm day.

Prepared by C. M. Donoghue

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL -7 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	65	64	64	66	68	76	76	80	75	73
State of weather. Nature of precipitation and time of beginning and ending											RB 10:07	
Amounts of precipitation											T	T
Cloudiness and other conditions	Clear							Cloudy				
	Sunrise: Time, 4:16 Character, Cloudy. Moonrise: 5:54p Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.9	0.4	0.9	0.8	0
Wind direction	S	SW	SW	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	12	14	12	11	12	13	15	20	23	24	21	17
Maximum velocities (exceeding 29 miles) direction and time									30 S 8:00			

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	69	72	71	71	70	69	66	64	63
State of weather. Nature of precipitation and time of beginning and ending	RE 12:10 RB 12:40				RE 4:45							
Amounts of precipitation	T	.26	.62	T	T							
Cloudiness and other conditions			Cloudy				Cloudy					
									Sunset: Time, 7:16 Character, Cloudy. Moonset: 5:07a Clear			
Sunshine (in tenths of hours)	0	0	0	0	0.4	0.8	0	0				
Wind direction	SW	W	SW	NW	NW	NW	N	N	N	N	N	N
Wind movement	14	16	15	10	8	8	5	2	3	2	2	3
Maximum velocities (exceeding miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

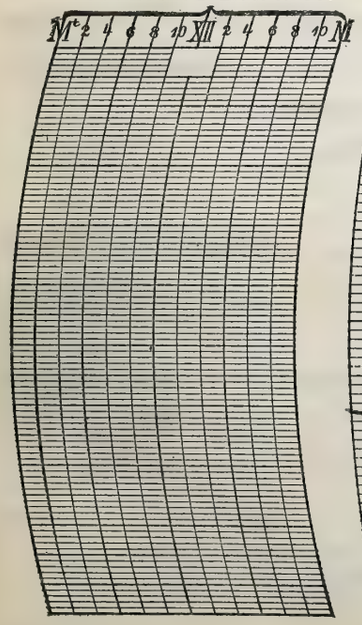
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .28 ins.
Total precipitation, midnight to midnight, .28 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.2 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 28
Prevailing wind direction, SW. Total wind 282
Average hourly velocity, 11.8 Extreme velocity, 32
Maximum velocity, 30 Direction, S
Time began, 8:00 a.m.
Reduced barometer, 29.78 7 a. m. 29.84 7, p. m.
River gage, 2.8 Feet.
Relative humidity, 74 7 a. m. 74 7 p. m.

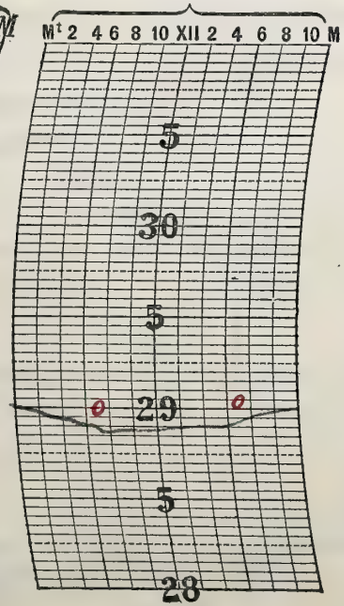
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.0 Wet temperature, 69.2
Dew-point, 66 R. humidity, 71 V. pressure, 4.38
Clouds: Amount, 9; Kind, St-Cu.; Direction, W.
Velocity of clouds (miles per hour)

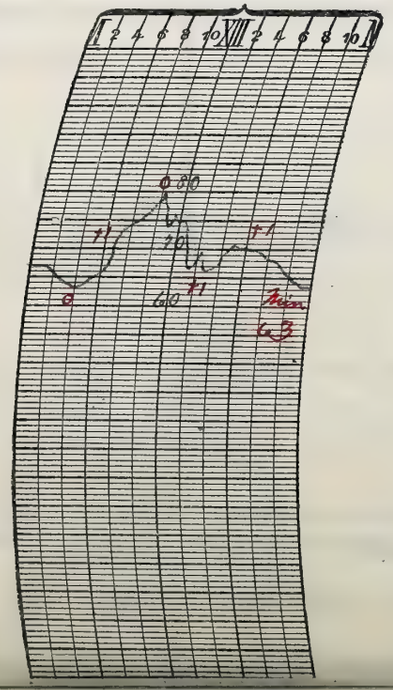
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures and rain during the major portion of the afternoon.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 8 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	59	59	59	62	64	68	71	73	74	76
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear			→ Pt. Cloudy				
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	0.5	0.9	1.0	1.0
Wind direction	0	N	N	N	N	NE	N	NE	E	E	SW	SW
Wind movement	0	1	2	3	5	4	3	5	2	4	6	8

Sunrise: Time, 4:16 Character, Cloudy
Moonrise: 6:44p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	78	79	78	78	78	78	73	70	68	66	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation							1.0	.25				
Cloudiness and other conditions						→ Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	W	SW	SW	W	SW	W	W	W	W	N	N	N
Wind movement	10	9	9	8	8	5	4	3	4	5	4	3

Sunset: Time, 7:15 Character, Clear
Moonset: 4:00a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

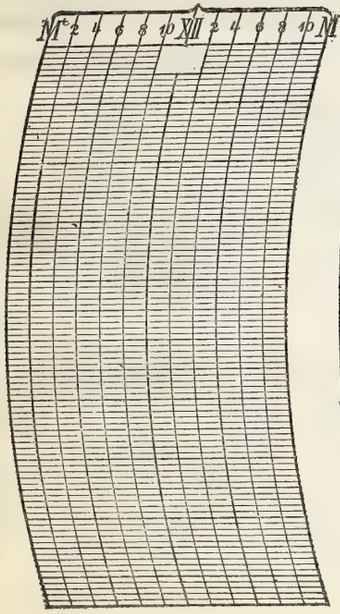
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	59	69	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full 9:07p
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 87
Prevailing wind direction, N Total wind 115
Average hourly velocity, 4.8 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 10:08p.m.
Reduced barometer, 29.98 7 a. m. 29.99 7 p. m.
River gage, 2.8 Feet
Relative humidity, 84 7 a. m. 45 7 p. m.

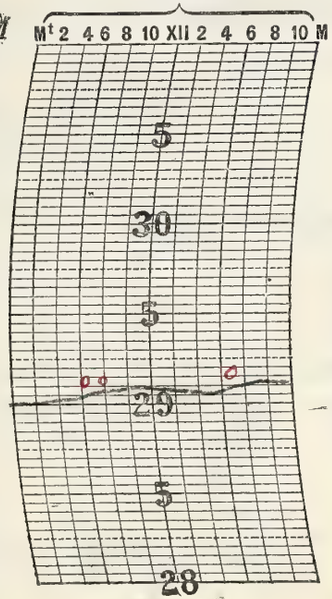
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.8 Wet temperature, 66.4
Dew-point, 62 R. humidity, 64 V. pressure, .555
Clouds: Amount, 5; Kind, Cu; Direction, S.W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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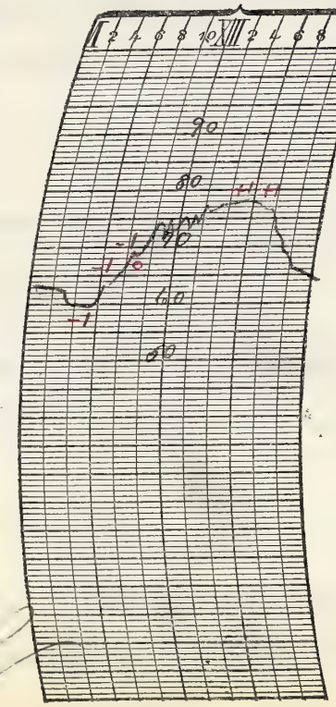


NOTES.

A clear day with moderate temperatures

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL -9 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	61	60	65	68	74	78	80	82	84	86	87	88	89	88	87	86	82	79	79	78	77
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear					× Pt. Cldy		Cloudy			* Pt. Cloudy									→
Sunshine (in tenths of hours)					.72 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8 0.1	.25 0				
Wind direction	N	E	E	E	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	4	5	4	5	3	3	7	9	10	12	14	12	14	15	16	17	17	16	11	10	10	9	14	15

Sunrise: Time, 4:12 Character, Clear
Moonrise: 7:27p Cloudy
Sunset: Time, 7:15 Character, Clear
Moonset: 4:56a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

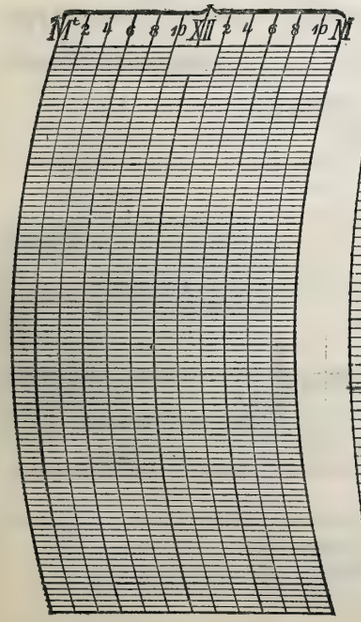
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	60	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 14.5 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 97
Prevailing wind direction, S Total wind 152
Average hourly velocity, 10.5 Extreme velocity, 23
Maximum velocity, 20 Direction, S
Time began, 1:54 p.m.
Reduced barometer, 29.07 7 a. m. 29.88 7 p. m.
River gage, 3.4 Feet.
Relative humidity, 73 7 a. m. 57 7 p. m.

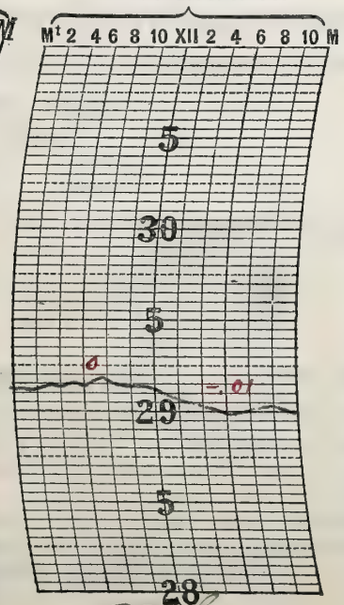
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.4 Wet temperature, 71.0
Dew-point, 66 R. humidity, 57 V. pressure, .638
Clouds: Amount, 8; Kind, A St; Direction, W
Velocity of clouds (miles per hour)

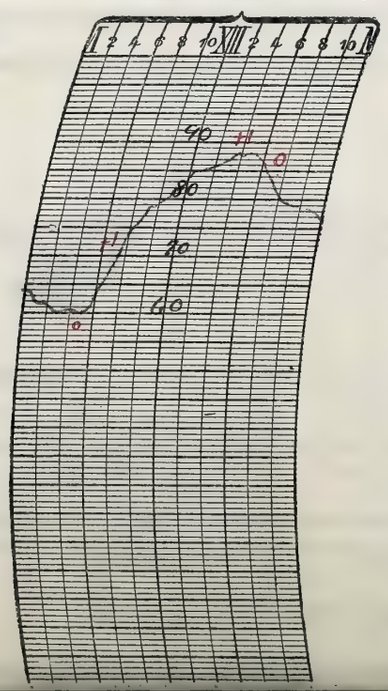
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy and rather warm day.

Prepared by P. M. S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) JUL 10 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	75	74	73	75	76	78	79	81	83	85	87	89	79 RB 2:48	69	70	71 RE 5:40	72	72	72	72	71	71 RB 11:00
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation															.29	.44	.04	T						.04
Cloudiness and other conditions					← Cloudy										Cloudy									→

Sunrise: Time, 4:18 Character, Cloudy
Moonrise: 8:06p Cloudy
Sunset: Time, 7:15 Character, Cloudy
Moonset: 5:54a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.4	0.6	0.7	0.9	1.0	1.0	1.0	1.0	0.6	0	0	0	0	0				
Wind direction	S	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	13	15	15	14	14	14	16	19	19	21	23	24	24	28	31	16	8	9	8	6	7	11	11	7
Maximum velocities (exceeding 29 miles) direction and time															55 SW 2:47									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

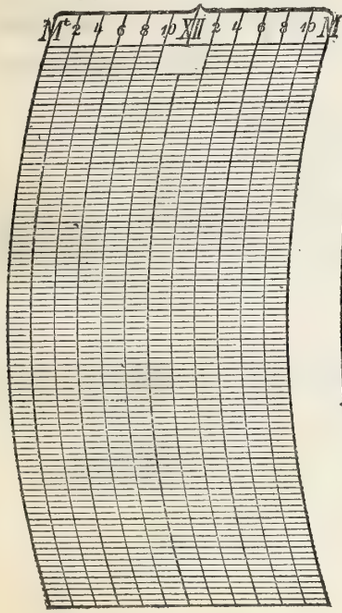
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	65	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .81 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.2 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 48
Prevailing wind direction, SW Total wind 377
Average hourly velocity, 15.7 Extreme velocity, 6.6
Maximum velocity, 55 Direction, SW
Time began, 2:47 p.m.
Reduced barometer, 29.88 7 a. m. 29.94 7 p. m.
River gage, 3.9 Feet
Relative humidity, 84 7 a. m. 74 7 p. m.

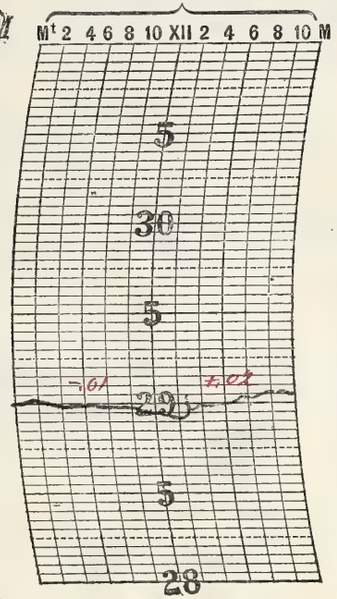
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 75.0
Dew-point, 71 R. humidity, 63 V. pressure, .757
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

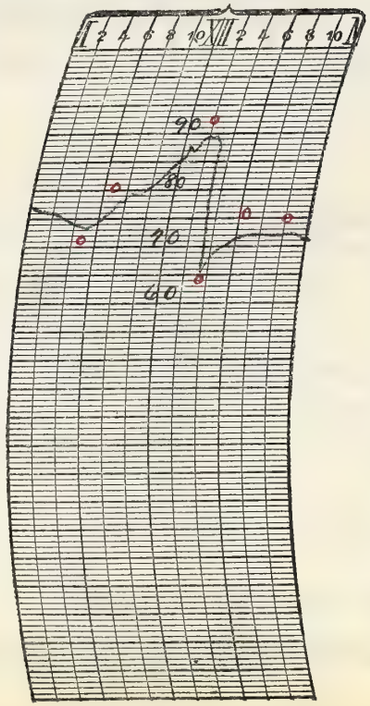
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by
Verified by P. M. Donoughe

8—486

NOTES.

A solar halo of 22° radius was observed from 11:30 a.m. until 12:45 p.m.

A thunderstorm of considerable intensity moving from the southwest attended by heavy rain began at 2:50 p.m., and ended at 3:10 p.m.

A high wind which did a vast amount of damage to trees, barns, power, light and telephone lines and reached a velocity of 55 miles per hour accompanied the storm.

A partly cloudy day and hot until the storm began when the temperature fell 25 degrees in less than an hour.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 11 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	70	67	69	70	77	78	79	80	80
State of weather: Nature of precipitation and time of beginning and ending	RE 12:10 HR 12:50					RE 6:00						
Amounts of precipitation	.01	.22	.04	.01	.22	.60						
Cloudiness and other conditions						Cloudy						
Sunrise: Time, Character,	4:18 Cloudy											
Moonrise:	8:41 P Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.5	0.8	0	0.6	1.0
Wind direction	S	SW	SW	SW	S	SW	SW	S	S	SW	SW	SW
Wind movement	11	11	6	6	4	15	9	10	14	24	21	21

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	82	81	80	79	77	75	74	74	74	72
State of weather: Nature of precipitation and time of beginning and ending						RE 5:40 RE 5:44						
Amounts of precipitation						T						
Cloudiness and other conditions						Cloudy						
Sunset: Time, Character,									7:44 Cloudy			
Moonset:									6:52 a Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0	0	0				
Wind direction	SW	SW	W	W	W	W	NW	N	NE	NE	E	E
Wind movement	17	17	16	14	13	9	7	3	4	3	3	2

Maximum velocities (exceeding 40 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	67	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.14 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 1.13 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.0 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 47
Prevailing wind direction, SW Total wind 260
Average hourly velocity, 10.8 Extreme velocity, 31
Maximum velocity, 28 Direction, SW
Time began, 8:48 a.m.
Reduced barometer, 29.93 7 a. m. 30.00 7 p. m.
River gage, 5.2 Fall
Relative humidity, 93 7 a. m. 75 7 p. m.

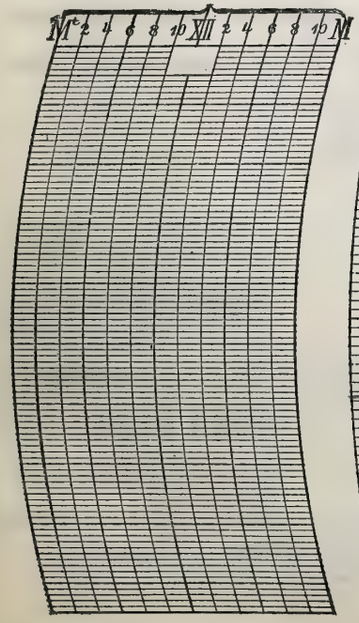
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
12:50a	6:00a	1.09 ~~1.10~~	4:51a	5:40a ~~5:44a~~	.29	.08	.21	.25	.37	.51	.58	.59	.62	.70	.79	~~.80~~			

Excessive precipitation, accumulated amounts

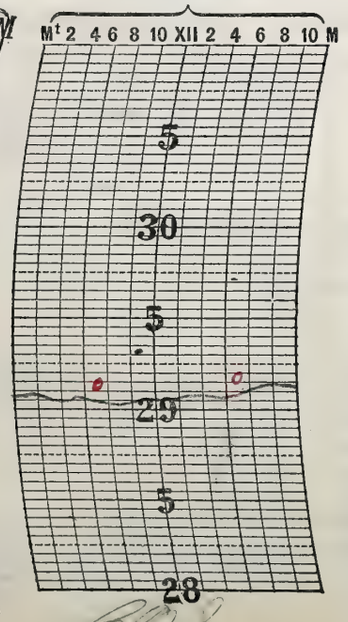
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.8 Wet temperature, 76.8
Dew-point, 69 R. humidity, 68 V. pressure, .70 7
Clouds: Amount, 4 5; Kind, St Cu 4 St; Direction, SW
Velocity of clouds (miles per hour)

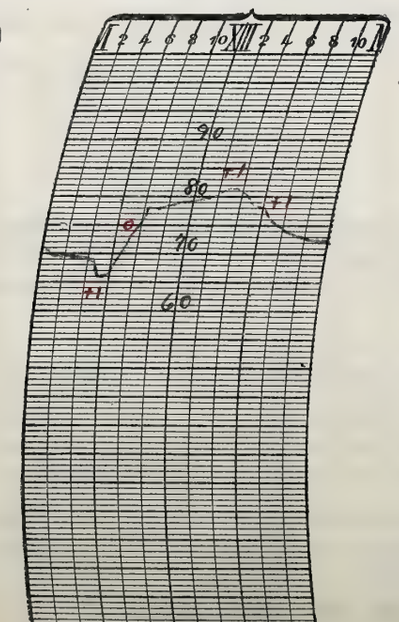
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm of moderate intensity began at 12:50 a.m., and ended at 6:00 a.m.

A cloudy and rather warm and muggy day even though a moderate Southwest wind blew.

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 12 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	71	70	71	73	74	80	81	83	83	81
State of weather. Nature of precipitation and time of beginning and ending			RGE DNA									
Amounts of precipitation			T									
Cloudiness and other conditions					←			Pt. Cloudy				→
Sunrise: Time, Character, 4:19 Cloudy												
Moonrise: 9:42p Cloudy												
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	0.6	0.4
Wind direction	SW	SW	SW	S	SE	S	S	S	S	SW	SW	SW
Wind movement	6	6	2	5	6	8	8	9	19	22	24	24
Maximum velocities (exceeding 29 miles) direction and time												31 SW 11:43

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	80	82	81	78	75	72	70	69	66	64	63
State of weather. Nature of precipitation and time of beginning and ending		RB 1:15 RE 1:45										
Amounts of precipitation		.01										
Cloudiness and other conditions	Cloudy		×	Pt. Cloudy			Cloudy			×	Pt. Cloudy	→
Sunset: Time, Character, 7:14 Cloudy												
Moonset: 7:49a Cloudy												
Sunshine (in tenths of hours)	0.1	0.2	0.9	0.9	0.6	0.1	0	0				
Wind direction	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	14	16	15	15	17	16	11	8	7	7	6
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	63	73	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.2 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 46
Prevailing wind direction, NW Total wind 298
Average hourly velocity, 12.4 Extreme velocity, 32
Maximum velocity, 31 Direction, SW
Time began, 11:43a.m.
Reduced barometer, 30.02 7 a. m. 30.00 7 p. m.
River gage, 5.9 Feet
Relative humidity, 83 7 a. m. 56 7 p. m.

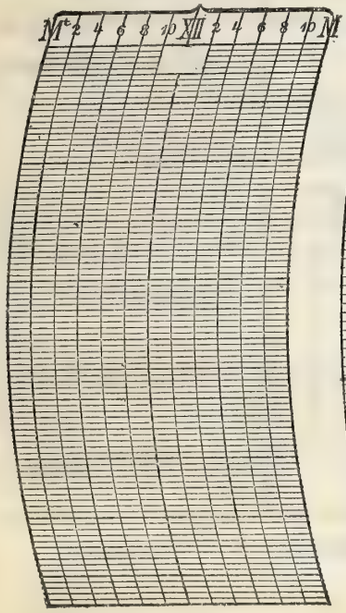
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

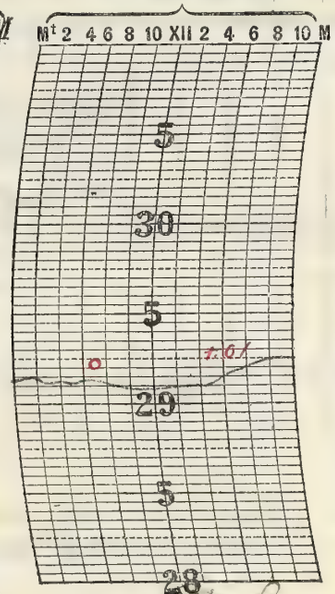
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.7 Wet temperature, 74.2
Dew-point, 71 R. humidity, 67 V. pressure, .755
Clouds: Amount, 9; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

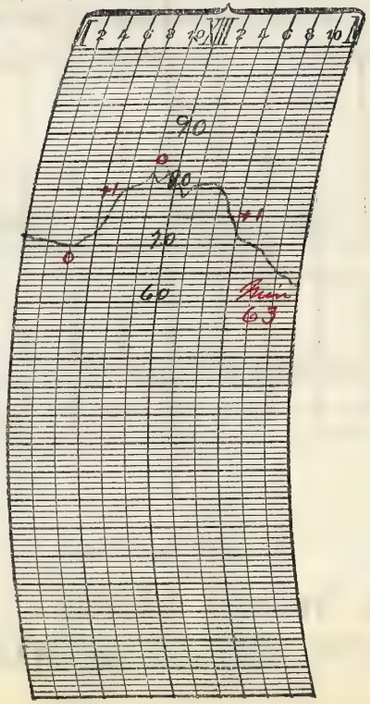
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderate temperatures

Prepared by

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 13 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	58	58	59	60	61	68	68	70	71	72	74	74	75	75	76	75	74	72	70	68	66	64
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy								Pt. Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.4	0	0				
Wind direction	NW	NW	NW	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	5	15	5	6	8	9	10	10	12	13	11	8	8	8	9	7	6	4	2	2	5	2	4
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 4:20 Character, Cloudy
Moonrise: 9:43p Cloudy
Sunset: Time, 7:23 Character, Cloudy
Moonset: 8:46a Cloudy

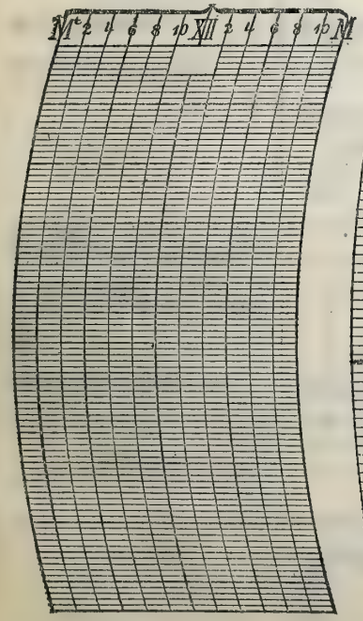
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	58	67	

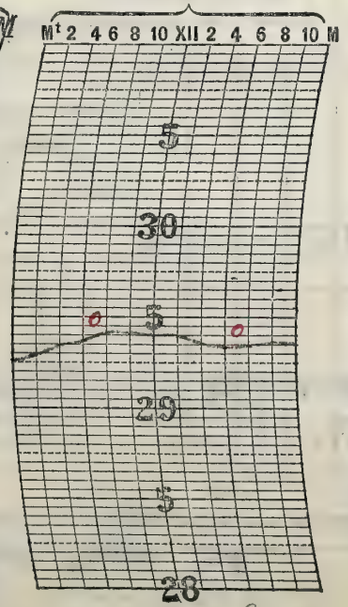
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, " inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.2 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 62
Prevailing wind direction, NE Total wind 165
Average hourly velocity, 6.9 Extreme velocity, 16
Maximum velocity, 15 Direction, NE
Time began, 8:52 a.m.
Reduced barometer, 30.21 7 a. m. 30.15 7 p. m.
River gage, 8.2 rise
Relative humidity, 94 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 72.0 Wet temperature, 64.3
Dew-point, 60 R. humidity, 66 V. pressure, .517
Clouds: Amount, 5; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

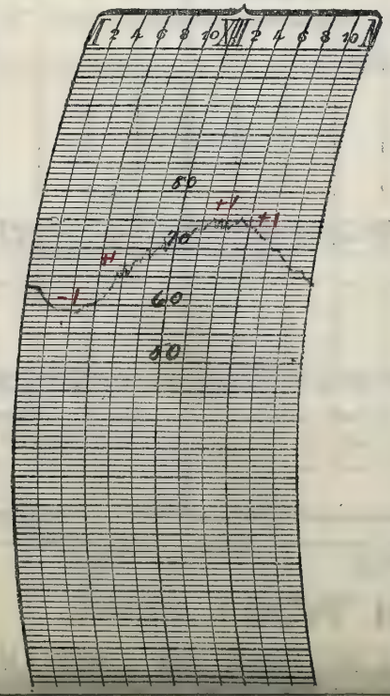
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy day with mild temperatures and very pleasant.

Prepared by CMS
Verified by P. McDonough

Form No. 1014—Mo.-1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 14 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	60	59	60	62	64	69	71	73	74	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunrise: Time, Character,	4:21 Clear											
Moonrise:	10:11p Clear											
Sunshine (in tenths of hours)					.65 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	E	E
Wind movement	5	5	5	3	6	5	6	7	6	7	7	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	77	78	77	78	77	74	71	68	68	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear →							
Sunset: Time, Character,									7:13 Clear			
Moonset:									9:42a Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	.22				
Wind direction	NE	E	E	NE	NE	NE	E	NE	E	E	SE	SE
Wind movement	6	6	5	6	5	4	2	3	4	6	5	6
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	59	68	

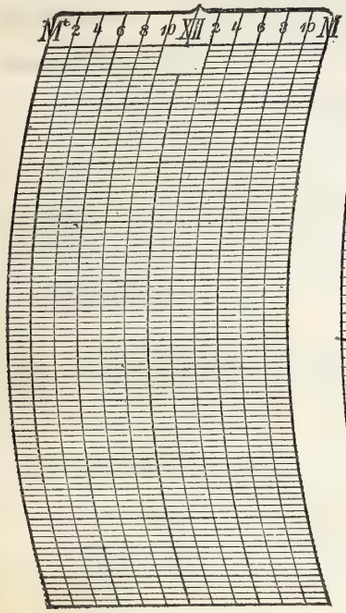
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 125
Average hourly velocity, 5.2 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 2:56 p.m.
Reduced barometer, 30.22 7 a. m. 30.12 7 p. m.
River gage, 4.1 Feet
Relative humidity, 85 7 a. m. 46 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

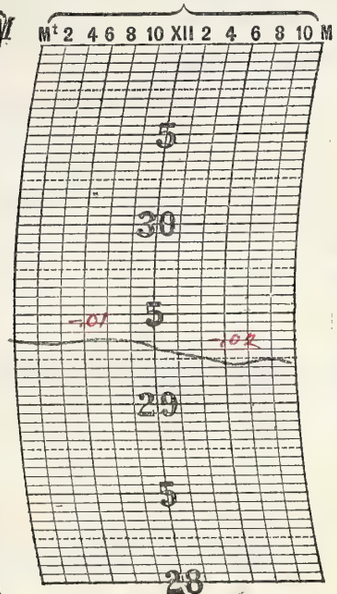
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 62.0
Dew-point, 54 R. humidity, 48 V. pressure, .417
Clouds: Amount, 1; Kind, Cu; Direction, SE
Velocity of clouds (miles per hour)

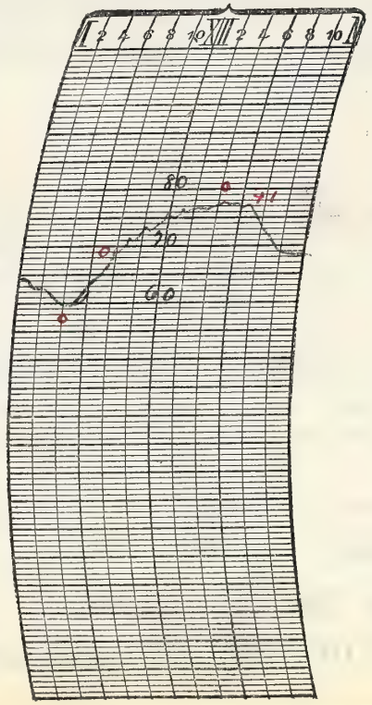
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day.

Prepared by C. M. Donnegh

Verified by C. M. Donnegh

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

JUL 15 1922

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	64	61	59	59	63	65	73	75	76	77	79	81	82	84	82	81	81	79	77	74	73	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear			→	Pt. Cloudy				←		Clear					→
Sunrise: Time, 4:21 Character, Clear																					Sunset: Time, 7:12 Character, Cloudy			
Moonrise: 10:40p																					Moonset: 10:38a Clear			
Sunshine (in tenths of hours)					.65 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	SE	SE	NE	E	E	E	E	E	E	E	S	SW	SW	SW	SW	SW	SE	S	SE	SE	SE	SE	SE	S
Wind movement	3	3	3	4	4	4	4	3	4	5	5	7	5	6	7	7	4	5	6	4	1	2	1	2
Maximum velocities (exceeding 19 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	59	72	

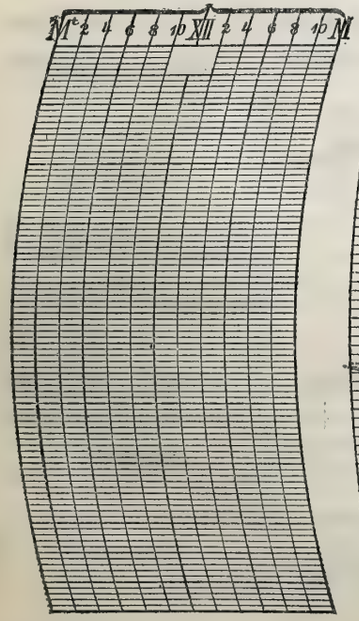
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ...
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 92
Prevailing wind direction, SE. Total wind 99
Average hourly velocity, 4.1 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 11:37 a.m.
Reduced barometer, 30.12 7 a. m. 30.08 7 p. m.
River gage, 4.1 Feet.
Relative humidity, 87 7 a. m. 52 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

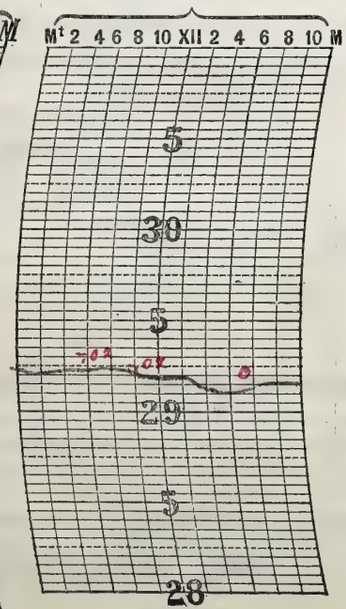
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.8 Wet temperature, 68.7
Dew-point, 64 R. humidity, 60 V. pressure, 29.6
Clouds: Amount, 3; Kind, Cu; Direction, S
Velocity of clouds (miles per hour).....

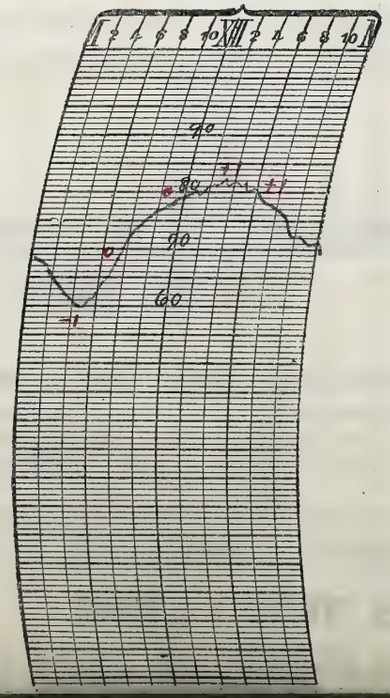
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day with moderate temperatures.

Prepared by .....
Verified by P. McDonough

Verified by C. McDonough

FORM NO. 1014—MCU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 16 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	67	67	66	67	69	76	80	83	85	86	88	89	88	85	69	72	72	71	70	70	70	70
State of weather. Nature of precipitation and time of beginning and ending																	RB 4:00	RE 5:45			RB 8:06 RE 8:30			
Amounts of precipitation																	.26	.01			T			
Cloudiness and other conditions							Pt. Cloudy								× Cloudy									
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0	0	0	0				
Wind direction	S	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	E	SW	S	S	SW	S	S	S
Wind movement	0	4	5	3	3	7	8	10	12	14	14	13	14	16	15	11	12	12	7	5	11	7	6	8
Maximum velocities (exceeding 29 miles) direction and time																	36 W 4:06							

Sunrise: Time, 4:22 Character, Cloudy
Moonrise: 11:09p Cloudy
Sunset: Time, 7:11 Character, Cloudy
Moonset: 11:35a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

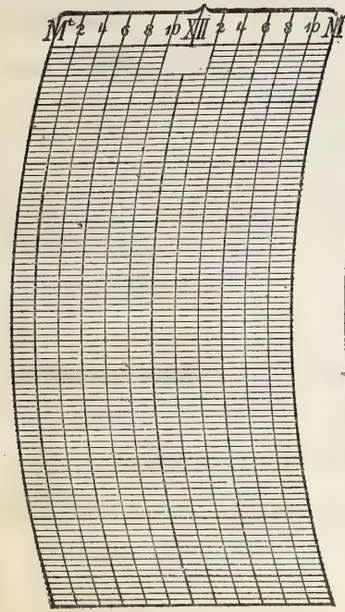
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	65	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .27 ins.
Total precipitation, midnight to midnight, .27 inches.
Character of day, Pt. Cloudy Moon phase, L.Q. 11:11 p.m.
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 59
Prevailing wind direction, SW Total wind 222
Average hourly velocity, 22 Extreme velocity, 38
Maximum velocity, 36 Direction, W
Time began, 4:06 p.m.
Reduced barometer, 30.16 7 a. m. 30.04 7 p. m.
River gage, 4.6 Feet.
Relative humidity, 77 7 a. m. 86 7 p. m.

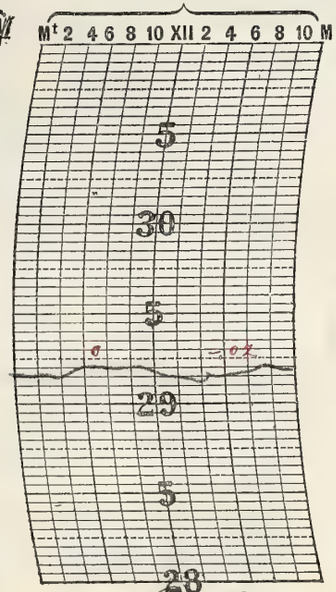
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 74.0
Dew-point, 69 R. humidity, 60 V. pressure, .707
Clouds: Amount, 4; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

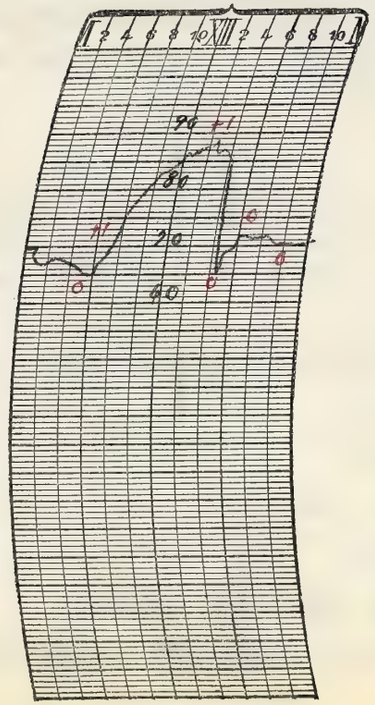
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm of moderate intensity moving from the southwest began at 4:00 pm, and ended at 5:45 pm.

Prepared by C.O.S.

Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 17 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	71	71	72	75	76	79	82	85	85	87	87	83	83	83	81	80	73	73	72	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy				Pt. Cldy				Cloudy							
Sunrise: Time, 4:23 Character, Cloudy																								
Moonrise: 11:41p																								
Sunset: Time, 7:11 Character, Cloudy																								
Moonset: 12:32p Cloudy																								
Sunshine (in tenths of hours)					0	0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	0.1	0.2	0.4	0	0	0				
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW
Wind movement	8	10	9	10	9	10	14	14	14	17	19	23	25	25	17	17	14	12	9	9	5	6	3	4
Maximum velocities (exceeding 29 miles) direction and time													31 SW 12:33											

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

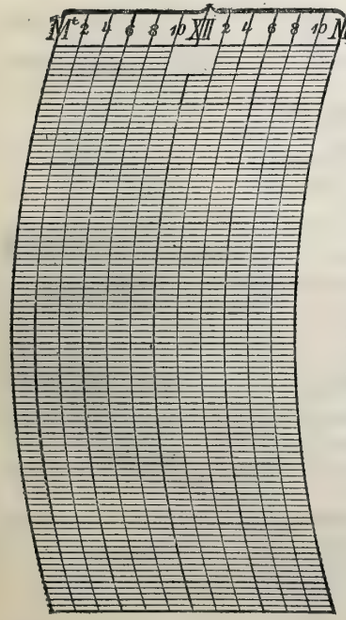
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	70	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.4 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 45
Prevailing wind direction, SW Total wind
Average hourly velocity, 12.6 Extreme velocity, 33
Maximum velocity, 31 Direction, SW
Time began, 12:33 p.m.
Reduced barometer, 30.05 7 a. m. 29.99 7 p. m.
River gage, 5.1 Fall
Relative humidity, 89 7 a. m. 64 7 p. m.

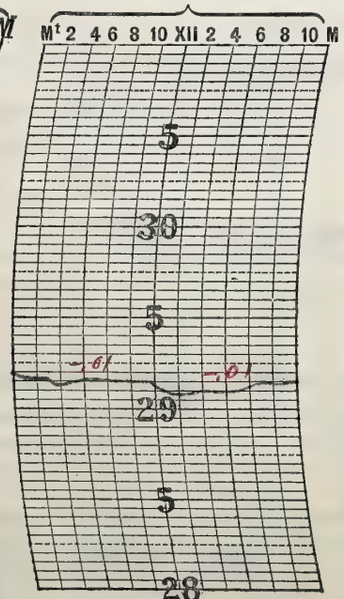
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.6 Wet temperature, 75.0
Dew-point, 71 R. humidity, 64 V. pressure, .257
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

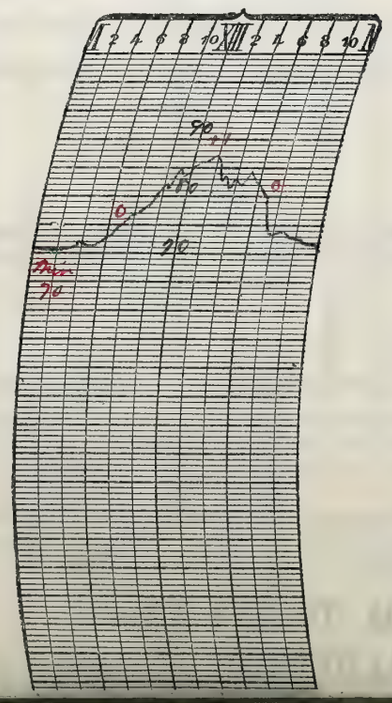
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and warm sticky day day with moderate southwest winds.

Prepared by CCS

Verified by P. McDonough

Verified by

FORM NO. 1014—MOT.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Thursday~~ Tuesday, (Date) JUL 18 1922, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	69	70	69	70	73	74	76	77	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy		× Cldy ×		Clear			→
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	4	4	4	3	4	5	9	13	12	14	14
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:24; Character, Cloudy. Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	78	78	77	76	76	74	70	69	66	64	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						× Pt. Cldy ×			Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	1.0	0.2	0.2				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	15	14	16	16	13	11	7	8	6	7	6	7
Maximum velocities (exceeding 29 miles) direction and time							0.8 .17					

Sunset: Time, 7:10; Character, Clear. Moonset: 1:30 p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy; Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.2; Possible sunshine, hours, 14.8
Per cent of possible sunshine, 82
Prevailing wind direction, NW; Total wind 216
Average hourly velocity, 9.0; Extreme velocity, 20
Maximum velocity, 19; Direction, NW
Time began, 2:27 p.m.
Reduced barometer, 30.02 7 a. m. 30.03 7 p. m.
River gage, 5.2 Feet
Relative humidity, 90 7 a. m. 40 7 p. m.

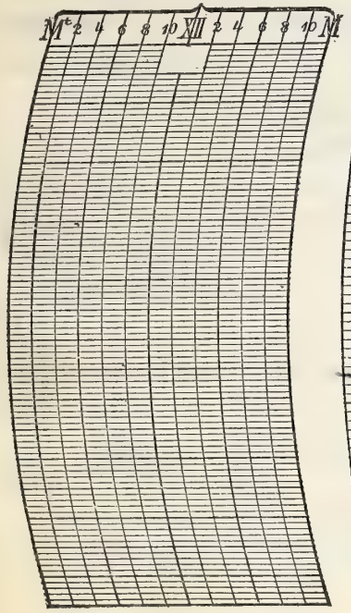
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

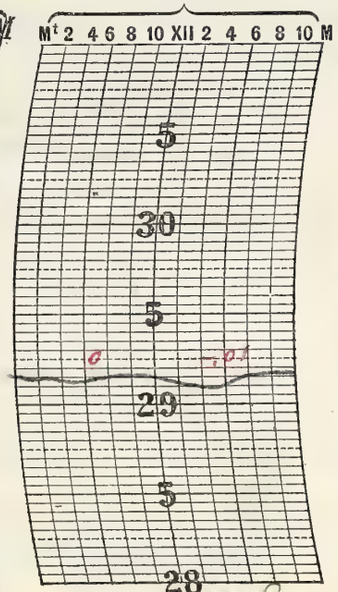
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0; Wet temperature, 60.0
Dew-point, 48; R. humidity, 36; V. pressure, 33.4
Clouds: Amount, 5; Kind, Cu.; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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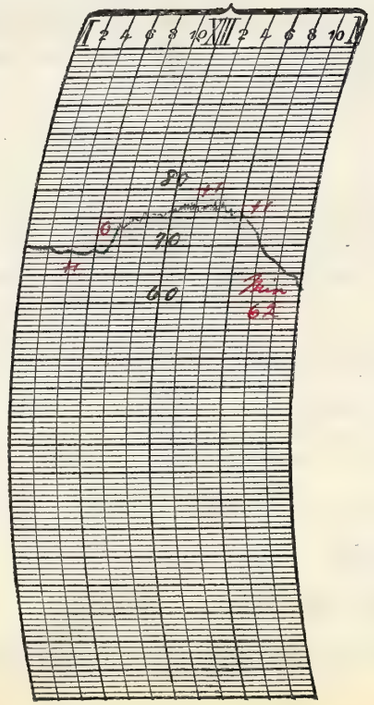


NOTES.

A fair day cloudy and pleasant day.

Prepared by

Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 19 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	60	61	67	64	68	71	74	74	74	76	77	76	79	78	76	75	72	71	69	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear				→	Pt. Cloudy	→	Cloudy			→	Pt. Cloudy							
Sunrise: Time, Character,	4:25 Clear																							
Moonrise:	12:17a —																							
Sunset: Time, Character,																					7:09 Cloudy			
Moonset:																					2:29p Cloudy			
Sunshine (in tenths of hours)					.58 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.7	0.7	0.5	0.4	0.3	0	0				
Wind direction	NW	NW	N	N	N	N	N	NE	NE	N	E	NE	NE	N	NW	NE	N	N	N	N	N	N	NE	NE
Wind movement	5	5	5	1	3	2	6	7	7	5	5	4	4	4	4	3	4	4	2	4	4	4	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	59	69	

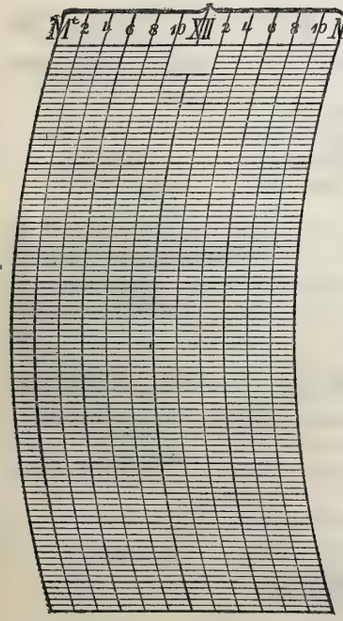
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.6 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 72
Prevailing wind direction, N. Total wind 100
Average hourly velocity, 4.2 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 7:20 a.m.
Reduced barometer, 30.11 7 a. m. 30.05 7 p. m.
River gage, 4.7 Feet.
Relative humidity, 79 7 a. m. 57 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

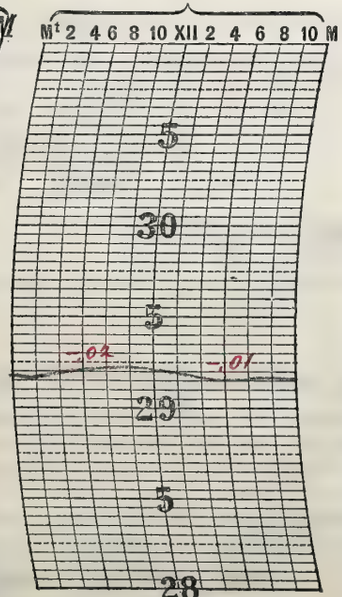
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.0 Wet temperature, 61.0
Dew-point, 53 R. humidity, 47 V. pressure, .402
Clouds: Amount, 8; Kind, Cu; Direction, N.
Velocity of clouds (miles per hour)

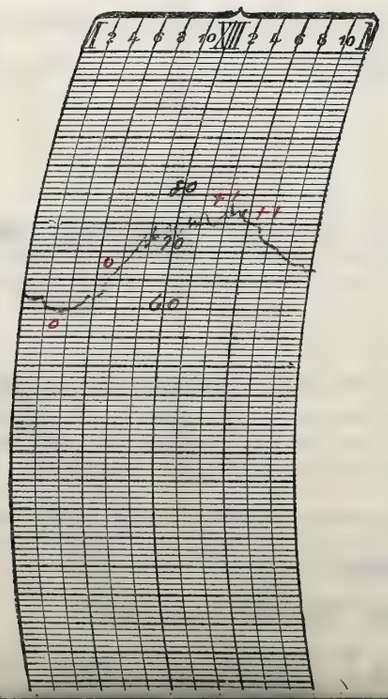
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A hardly cloudy and pleasant day.

Prepared by CCS

Verified by P. McDonough

Verified by

FORM NO. 1014—MCU 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 20 1922, 192

Time (local standard), 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	62	60	60	63	65	70	73	75	77	77	80	77	81	78	80	78	77	75	73	71	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear				× Pt. Cldy			×	Clear			×	Pt. Cldy	×	Clear			→
Sunshine (in tenths of hours)					.57 0	1.0 0	1.0	0.8	1.0	0.7	1.0	0.8	1.0	0.4	0.8	0.7	1.0	0.6	0	0				
Wind direction	E	E	E	E	E	E	E	E	E	NE	NE	NE	E	NE	S	NE	NE	NE	E	E	E	E	SE	SE
Wind movement	3	2	2	3	4	4	3	3	4	4	5	5	5	5	3	5	4	4	3	2	3	5	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:26; Character, Clear. Moonrise: 12:57a

Sunset: Time, 7:09; Character, Cloudy. Moonset: 3:29p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 11.4 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 78

Prevailing wind direction, E Total wind 94

Average hourly velocity, 3.9 Extreme velocity, 8

Maximum velocity, 8 Direction, NE

Time began, 11:04 a.m.

Reduced barometer, 30.11 7 a. m. 30.02 7 p. m.

River gage, 4.0 Feet

Relative humidity, 78 7 a. m. 42 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

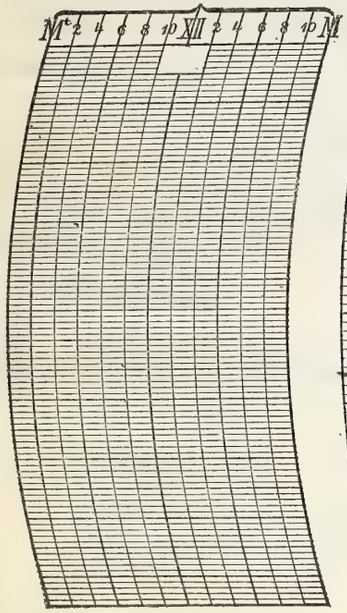
Dry temperature, 77.0 Wet temperature, 61.1

Dew-point, 20 R. humidity, 37 V. pressure, 36.0

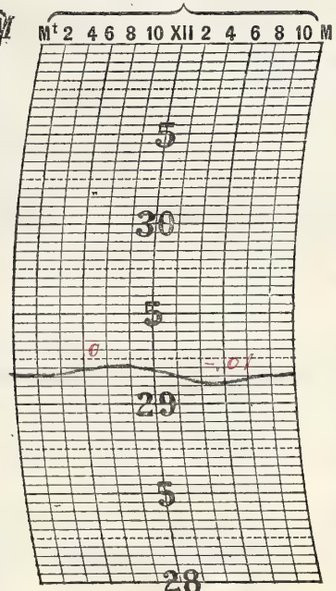
Clouds: Amount, 6; Kind, Cu; Direction, NE

Velocity of clouds (miles per hour)

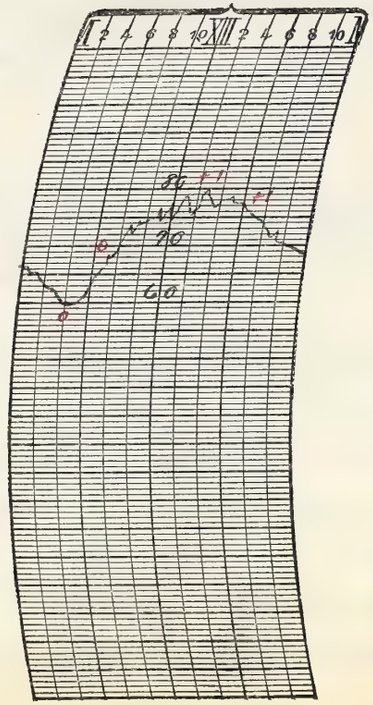
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and rather warm day.

Prepared by

Verified by F. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 21 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	66	66	66	68	73	76	76	80	80	81	83	85	84	83	82	80	78	76	74	73	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Pt. Cloudy		×	Cloudy	×	Pt. Cloudy		×		Clear					→
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	0.7	0.4	1.0	1.0	0.4	1.0	0.3	0	0				
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	4	4	4	4	2	1	4	5	9	9	8	9	7	6	8	6	7	7	6	5	6	6	8	8
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 4:22 Character, Cloudy
Moonrise: 1:43a

Sunset: Time, 7:08 Character, Cloudy
Moonset: 4:22p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

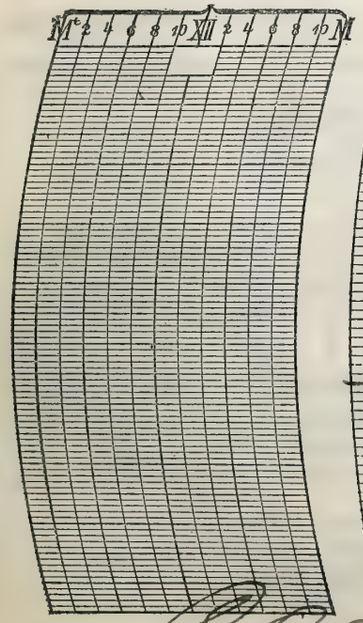
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	65	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 9.4 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 64
Prevailing wind direction, S Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 10:34 a.m.
Reduced barometer, 30.07 7 a. m. 30.02 7 p. m.
River gage, 3.5 ft. rise
Relative humidity, 63 7 a. m. 56 7 p. m.

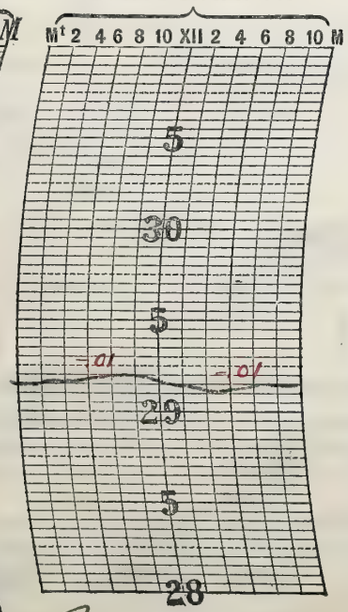
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 64.3
Dew-point, 55 R. humidity, 42 V. pressure, 432
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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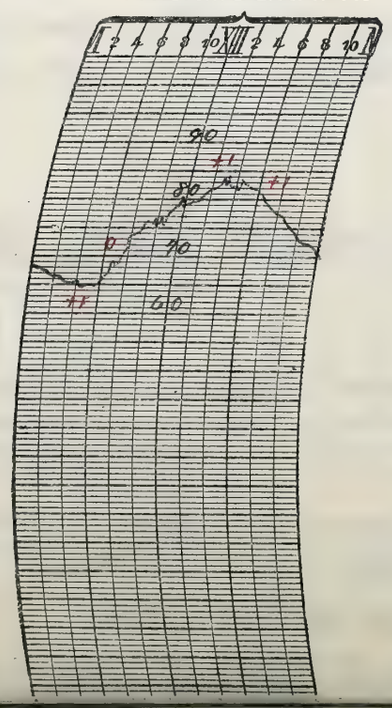


NOTES.

A partly cloudy and rather warm day.

Prepared by C. O. S.
Verified by P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 22 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	66	66	68	70	76	80	80	83	84	83	84	84	84	84	83	82	79	77	76	75	75
State of weather. Nature of precipitation and time of beginning and ending																		RB 5:36 RE 5:40						
Amounts of precipitation																		T						
Cloudiness and other conditions					← Clear			→ Pt. Cldy →			Cloudy						Cloudy							

Sunrise: Time, 4:29; Character, Cloudy. Moonrise: 2:37a

Sunset: Time, 7:07; Character, Cloudy. Moonset: 5:23p, Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	0.7	1.0	0.6	1.0	1.0	0.9	0.2	0	0	0				
Wind direction	SWV	SWV	S	S	SWV	SW	SW	SWV	SWV	SW	SW	SW	SW	S	SW	S	SWV	S	SW	SW	SW	S	S	SW
Wind movement	6	8	6	7	7	8	9	9	11	10	12	15	15	16	18	17	13	12	8	6	2	8	12	17
Maximum velocities (exceeding 28 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

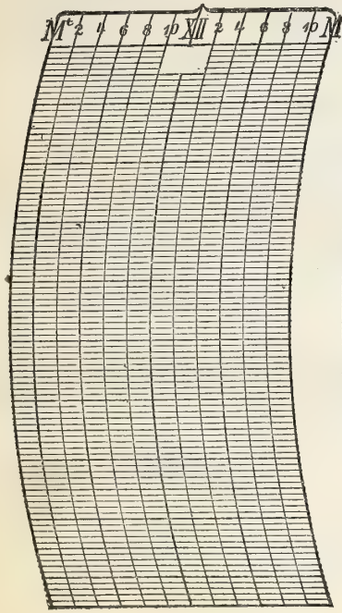
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.1 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 62
Prevailing wind direction, SW. Total wind 251
Average hourly velocity, 10.5 Extreme velocity, 26
Maximum velocity, 24 Direction, S
Time began, 3:01 p.m.
Reduced barometer, 30.05 7 a. m. 29.88 7 p. m.
River gage, 3.0 Feet.
Relative humidity, 79 7 a. m. 46 7 p. m.

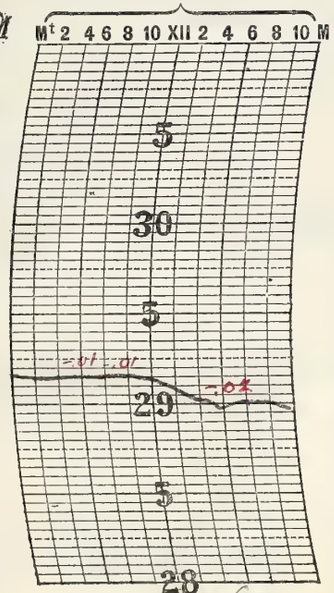
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.4 Wet temperature, 64.6
Dew-point, 53 R. humidity, 35 V. pressure, 402
Clouds: Amount, 8; Kind, Ast; Direction, W.
Velocity of clouds (miles per hour)

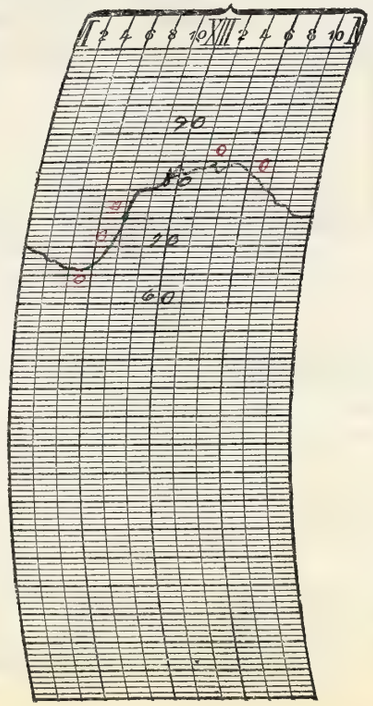
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A sleepy and somewhat warm day

Prepared by

Verified by C. M. Donnegh

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 23 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	67	68	70	70	70	73	75	76	77	81	83
State of weather. Nature of precipitation and time of beginning and ending	RB 12:30		RE 2:05									
Amounts of precipitation	.36	.05	T									
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, Character,	4:28 Cloudy											
Moonrise:	2:36a											
Sunshine (in tenths of hours)					0	0	0.1	0.3	0.7	0.6	1.0	1.0
Wind direction	SW	S	S	SW	SW	SW	SW	W	W	W	W	NW
Wind movement	9	8	11	11	10	10	9	11	11	12	13	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	85	86	85	83	81	79	76	74	73	71	71
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt. Cloudy → Clear → Pt. Cloudy →											
Sunset: Time, Character,									7:06 Cloudy			
Moonset:									6:14p Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3	0	0				
Wind direction	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	13	14	14	14	13	11	8	6	8	7	7

Maximum velocities (exceeding 29 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	67	76	x

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .41 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .41 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.0 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 62
Prevailing wind direction, NW Total wind 256
Average hourly velocity, 10.7 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 2:28 p.m.
Reduced barometer, 29.80 7 a. m. 29.86 7 p. m.
River gage, 2.9 Fall
Relative humidity, 85 7 a. m. 56 7 p. m.

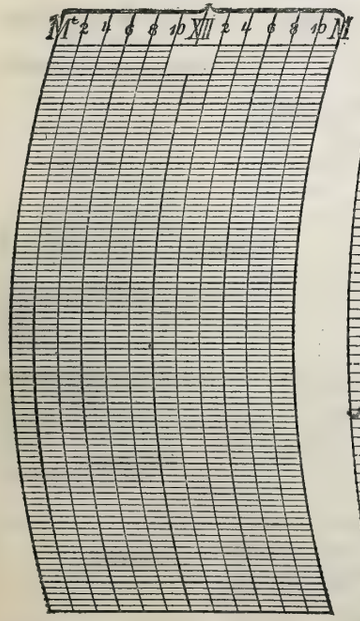
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	12:30a	2:05a	.41	12:43a	12:54a	.01	.22	.30	.31											

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

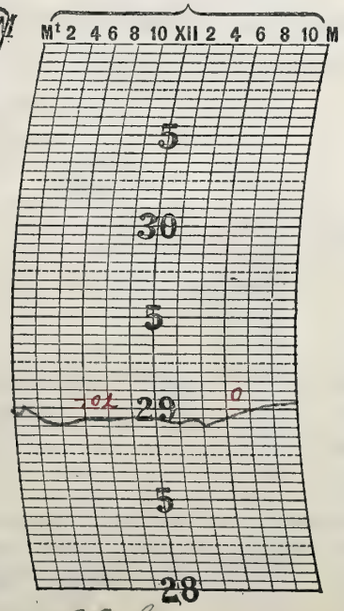
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.4 Wet temperature, 72.3
Dew-point, 68 R. humidity, 62 V. pressure, .684
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

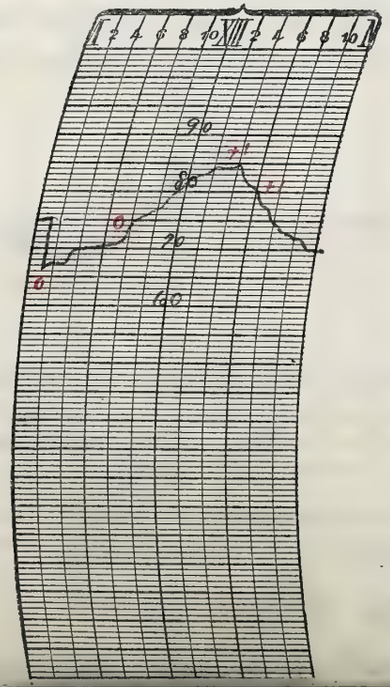
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm of moderate intensity began at 12:30 a.m. and ended at 2:05 a.m.

The weather was unsettled in the early part of the day, but with decreasing cloudiness from the a.m. afternoon, the day being partly cloudy and sultry except in late evening when the temperature was rather pleasant.

Prepared by C.M.B.
Verified by P. McDonough

Verified by C. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) JUL 24 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	66	65	67	68	68	69	72	75	76
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.6	0.8	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	5	6	5	5	4	5	6	8	8	8	7	6

Sunrise: Time, 4:29 Character, Cloudy
Moonrise: 4:42a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	79	79	77	78	77	75	73	70	69	68
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy			×	Pt Cloudy		Clear		→	
Sunshine (in tenths of hours)	0.9	0.3	0.6	0.6	0.7	0.3	0.7 0.0	0				
Wind direction	NW	N	NE	N	N	NE	NE	NE	NE	NE	E	E
Wind movement	8	7	6	6	8	7	8	7	9	6	5	6

Sunset: Time, 7:05 Character, Cloudy
Moonset: 10:29p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

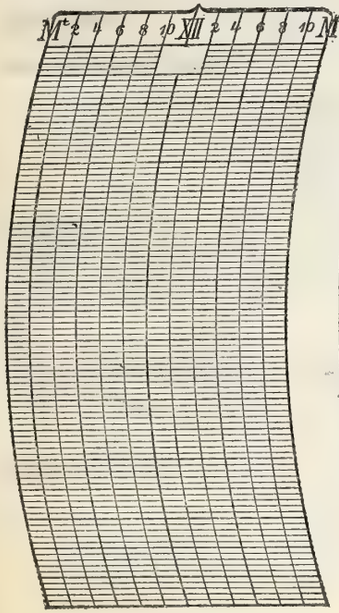
5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	65	73	

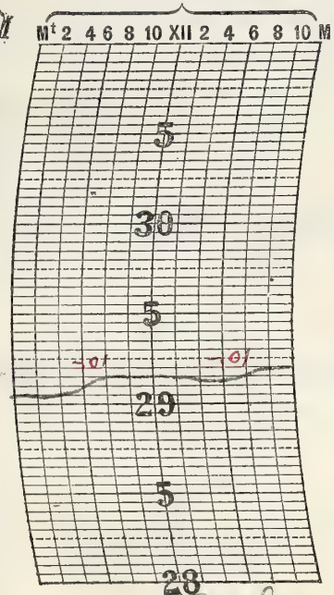
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, New 6:42 a.m.
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.2 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 56
Prevailing wind direction, NW Total wind 156
Average hourly velocity, 6.5 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 7:35 a.m.
Reduced barometer, 30.01 7 a. m. 30.03 7 p. m.
River gage, 2.7 Fall
Relative humidity, 93 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 70.3 Wet temperature, 69.0
Dew-point, 66 R. humidity, 73 V. pressure, 638
Clouds: Amount, 8; Kind, Cu; Direction, NW.
Velocity of clouds (miles per hour)

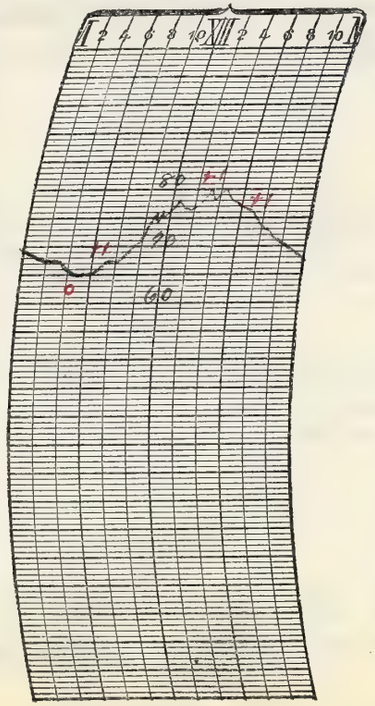
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and rather muggy day

Prepared by

Verified by C. McDonough

8—486

Form No. 1012—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 25 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	62	61	60	62	64	69	72	74	76	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunshine (in tenths of hours)					.50 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE
Wind movement	8	8	8	7	7	7	8	6	4	5	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	79	80	80	80	79	77	74	72	70	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear				Pt. Cloudy →				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	0.2	0	0				
Wind direction	NE	E	NE	NE	E	E	E	E	E	E	E	E
Wind movement	5	5	6	4	4	3	2	2	7	6	5	4

Sunrise: Time, 4:30 Character, Clear
Moonrise: 5:52a Clear
Sunset: Time, 7:04 Character, Cloudy
Moonset: 7:45p Cloudy

Maximum velocities (exceeding 22 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.4 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 85
Prevailing wind direction, NE Total wind 131
Average hourly velocity, 5.5 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 6:26 a.m.
Reduced barometer, 30.12 7 a. m. 30.10 7 p. m.
River gage, 2.6 Feet.
Relative humidity, 87 7 a. m. 44 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

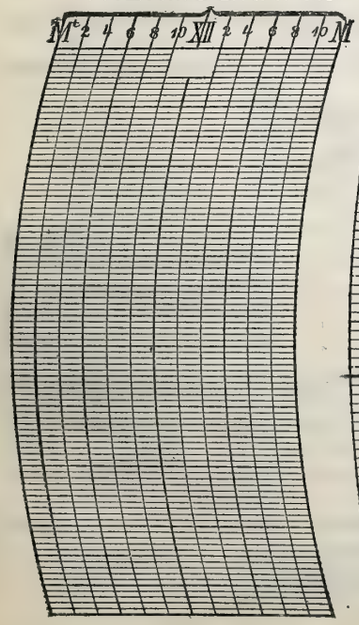
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

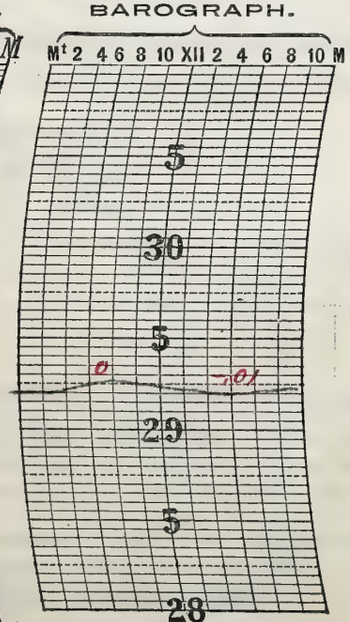
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.8 Wet temperature, 62.8
Dew-point, 54 R. humidity, 46 V. pressure, .417
Clouds: Amount, 1; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

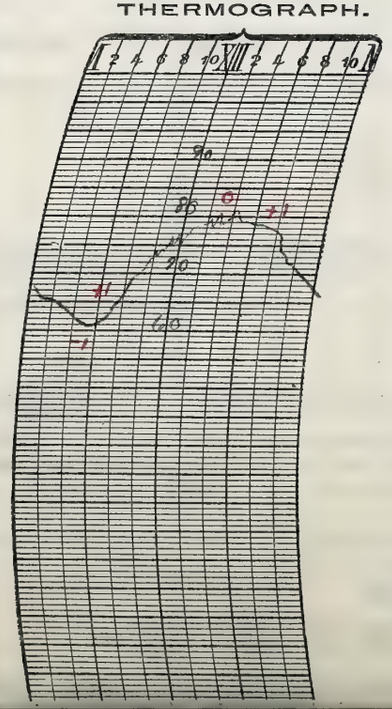
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and rather warm day.

Prepared by T. M. A. Dimmick

Verified by O. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 26 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	62	62	63	66	68	74	78	80	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy		×	Pt. Cldy	×	Clear		
Sunshine (in tenths of hours)					0	0	0.2	0.0	0.7	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	S
Wind movement	4	3	4	5	6	5	4	5	4	5	5	4

Sunrise: Time, 4:31 Character, Cloudy
Moonrise: 7:03a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	85	83	84	82	81	79	75	73	72	71	71
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			×	Pt. Cldy	×	Cldy	×	Pt. Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.1	0	0	0	0				
Wind direction	SW	SW	E	E	S	E	E	NE	NE	NE	E	E
Wind movement	5	4	4	2	4	3	6	6	6	6	5	4

Sunset: Time, 7:03 Character, Cloudy
Moonset: 8:25p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

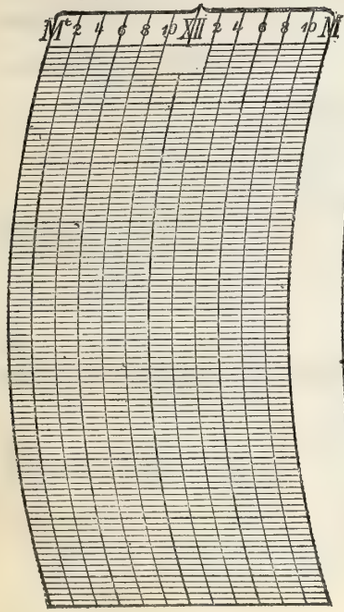
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.8 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 47
Prevailing wind direction, E Total wind 109
Average hourly velocity, 4.5 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 6:47 pm
Reduced barometer, 30.14 7 a. m. 30.04 7 p. m.
River gage, 2.6 Feet
Relative humidity, 78 7 a. m. 57 7 p. m.

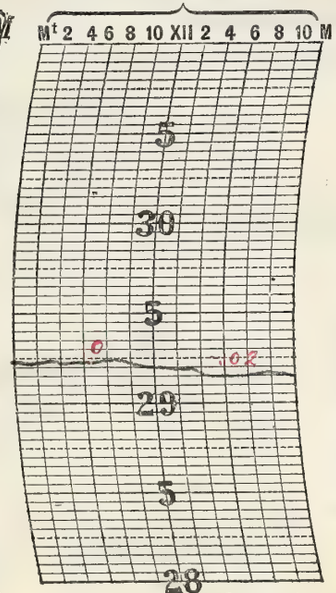
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.3 Wet temperature, 66.4
Dew-point, 58 R. humidity, 43 V. pressure, 482
Clouds: Amount, 1; Kind, Cu; Direction, NW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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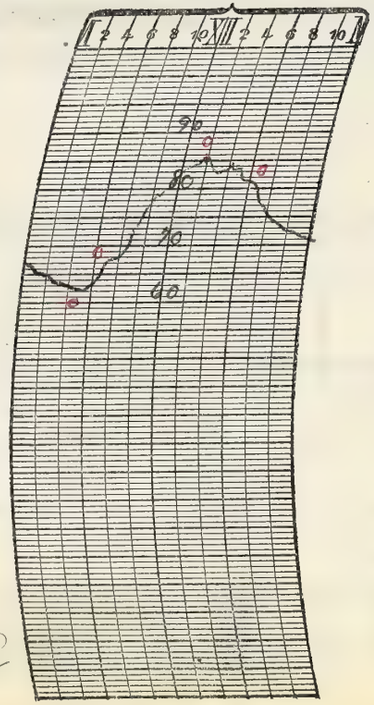


NOTES.

Prepared by CCS

Verified by O. McDonough

8—486

Form No. 1014—Met f.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 27 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	71	71	72	73	77	79	82	83	84
State of weather: Nature of precipitation and time of beginning and ending				KB DNA	RE DNA RB 4:45	RE 5:20						
Amounts of precipitation		T		T	.01	.05						
Cloudiness and other conditions					←	Pt. Cloudy					Cloudy	
Sunrise: Time, 4:32 Character, Cloudy												
Moonrise: 8:15a Cloudy												
Sunshine (in tenths of hours)					0	0	0.1	0.9	1.0	1.0	1.0	1.0
Wind direction	E	E	E	NE	E	SW	SW	SW	NW	NW	NW	N
Wind movement	2	2	2	4	3	4	4	3	7	8	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	86	85	85	84	84	82	78	77	76	75	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt. Cloudy						
Sunset: Time, 7:03 Character, Cloudy												
Moonset: 9:02p Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0.5	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	W
Wind movement	8	8	8	11	9	8	5	5	4	3	3	2

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	68	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.1 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 70
Prevailing wind direction, NW. Total wind 128
Average hourly velocity, 5.3 Extreme velocity, 12
Maximum velocity, 12 Direction, NW.
Time began, 3:46 p.m.
Reduced barometer, 30.03 7 a. m. 30.02 7 p. m.
River gage, 2.5 Feet.
Relative humidity, 79 7 a. m. 49 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

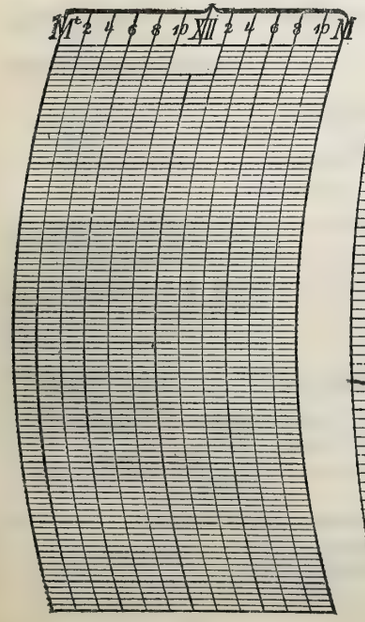
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

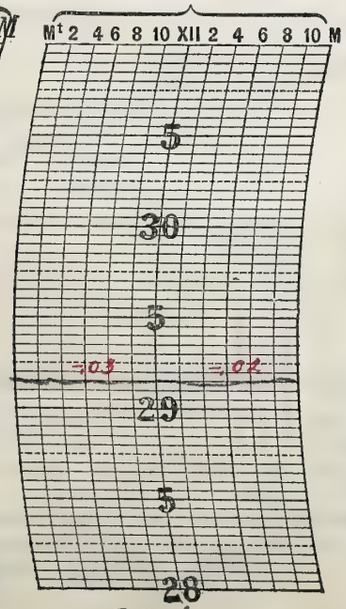
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.0 Wet temperature, 69.3
Dew-point, 62 R. humidity, 48 V. pressure, .555
Clouds: Amount, 8; Kind, Cu; Direction, NW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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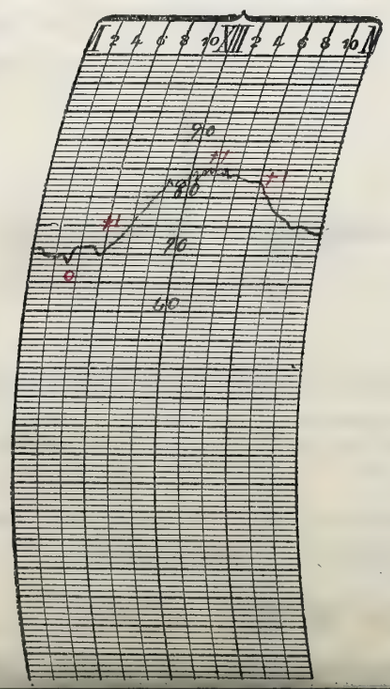


NOTES.

A hazy, cloudy and hot sultry, sticky day

Prepared by CAS

Verified by W. I. Mc Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 28 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	72	72	71	72	73	77	80	81	82	83
State of weather: Nature of precipitation and time of beginning and ending			RBE DNA									
Amounts of precipitation			T									
Cloudiness and other conditions	← Cloudy →							Pt Cloudy →				
Sunrise: Time, 4:33 Character, Cloudy												
Moonrise: 9:26a Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.9	1.0	1.0	1.0
Wind direction	W	W	NW	NW	NW	NW	NW	SW	W	W	NW	NW
Wind movement	3	2	1	1	1	2	2	5	6	11	10	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	84	83	81	79	77	74	71	69	67	66	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→ Clear →				Pt Cloudy →							
Sunset: Time, 7:02 Character, Cloudy												
Moonset: 9:39p Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0.1	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	13	15	14	15	15	14	10	8	7	5	6	7

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

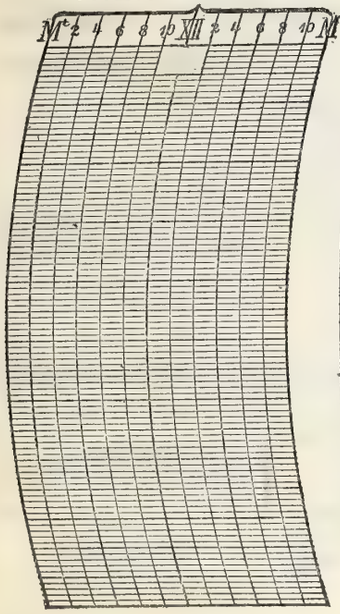
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	65	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.9 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 61
Prevailing wind direction, NW Total wind 186
Average hourly velocity, 7.8 Extreme velocity, 24
Maximum velocity, 12 Direction, NW
Time began, 3:00 p.m.
Reduced barometer, 30.07 7 a. m. 30.05 7 p. m.
River gage, 2.4 Feet
Relative humidity, 76 7 a. m. 44 7 p. m.

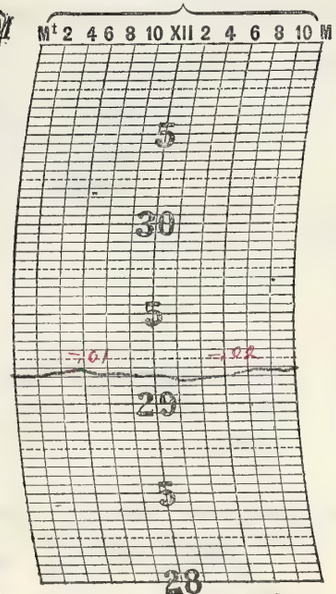
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.0 Wet temperature, 65.0
Dew-point, 54 R. humidity, 38 V. pressure, .417
Clouds: Amount, 5; Kind, AST; Direction, NW
Velocity of clouds (miles per hour)

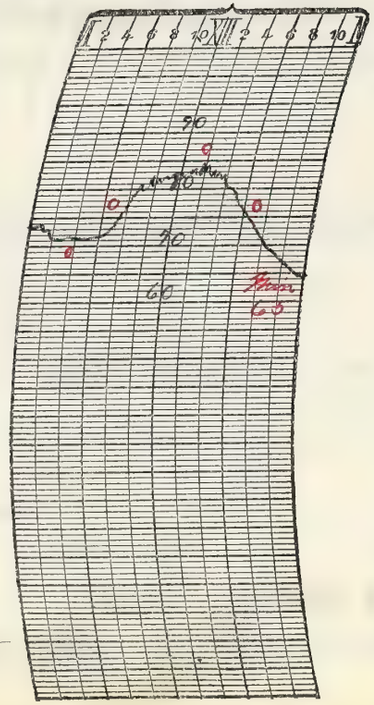
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and rather warm day.

Prepared by C.C.S.
Verified by P. M. Hourigh

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 29 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	64	64	65	63	71	74	73	74	74
State of weather: Nature of precipitation and time of beginning and ending											RB 10:30	RE 11:25
Amounts of precipitation											T	T
Cloudiness and other conditions					←				Cloudy			
Sunrise: Time, Character,	4:34 Cloudy											
Moonrise:	10:36a Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.5	1.0	0.2	0.3	0.1
Wind direction	N	N	N	N	N	N	N	NE	N	N	NW	NW
Wind movement	4	4	5	4	5	5	6	4	4	4	3	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	72	72	76	74	73	72	71	69	68	68	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunset: Time, Character,									7:01 Cloudy			
Moonset:									10:15p Cloudy			
Sunshine (in tenths of hours)	0	0.3	0	1.0	0.8	0	0	0				
Wind direction	NW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	5	9	10	9	10	9	6	3	3	4	2	4
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	63	70	

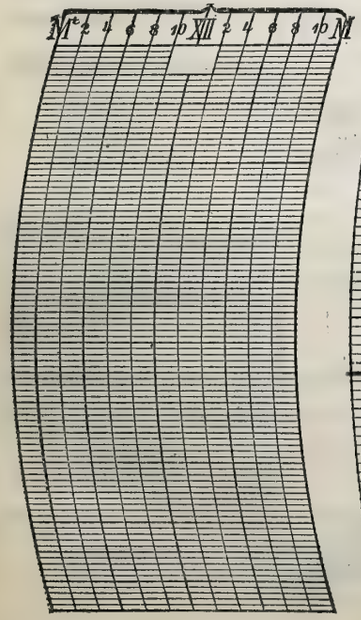
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.2 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 29
Prevailing wind direction, N Total wind 127
Average hourly velocity, 5.3 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 1:40 p.m.
Reduced barometer, 30.08 7 a. m. 30.11 7 p. m.
River gage, 2.5 Feet
Relative humidity, 75 7 a. m. 53 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

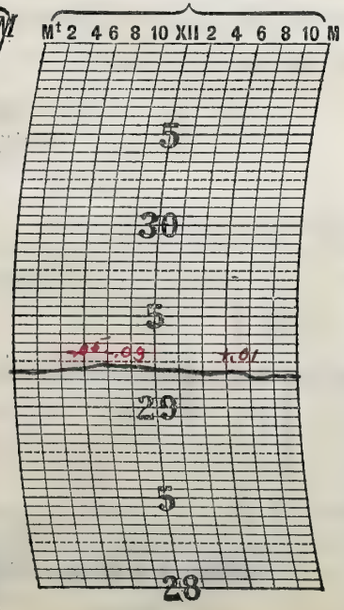
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.8 Wet temperature, 63.8
Dew-point, 58 R. humidity, 55 V. pressure, .482
Clouds: Amount, 10; Kind, AST; Direction, NW.
Velocity of clouds (miles per hour)

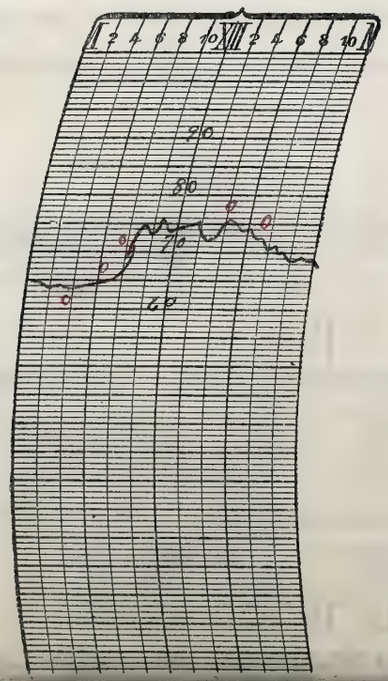
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures and a light shower in the late morning hours.

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 30 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	66	64	65	66	69	68	73	71	70	71
State of weather: Nature of precipitation and time of beginning and ending		RAIE DNA										
Amounts of precipitation		.01										
Cloudiness and other conditions					← Cloudy				× Pt Cldy ×		Cloudy	
Sunshine (in tenths of hours)					0	0	0	0.5	0.9	0.8	0	0
Wind direction	W	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	5	7	1	2	2	7	6	8	6	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	75	74	76	75	75	74	72	71	70	69	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		×			Pt. Cloudy							→
Sunshine (in tenths of hours)	0.5	1.0	0	0.4	0.3	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	8	7	8	7	7	6	7	6	6	6

Sunrise: Time, 4:35 Character, Cloudy
Moonrise: 11:44a Cloudy
Sunset: Time, 7:00 Character, Cloudy
Moonset: 10:52p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

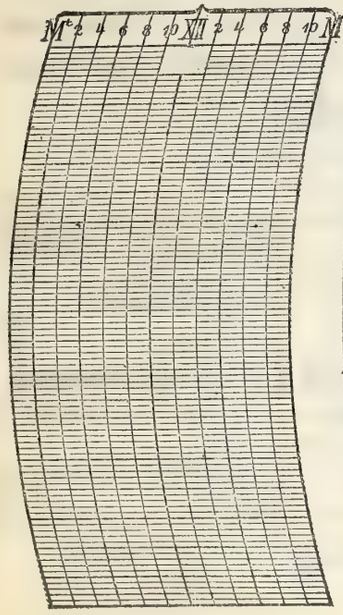
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	64	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt. Cloudy Moon phase, F.Q. 10:22 pm
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.4 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 31
Prevailing wind direction, SW Total wind 134
Average hourly velocity, 5.6 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 9:39 a.m.
Reduced barometer, 29.10 7 a. m. 29.99 7 p. m.
River gage, 2.4 Fect
Relative humidity, 74 7 a. m. 72 7 p. m.

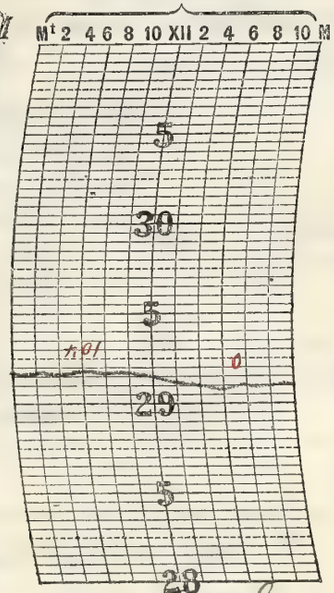
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 65.0
Dew-point, 62 R. humidity, 77 V. pressure, .555
Clouds: Amount, 10; Kind, St-Cu; Direction, SW
Velocity of clouds (miles per hour)

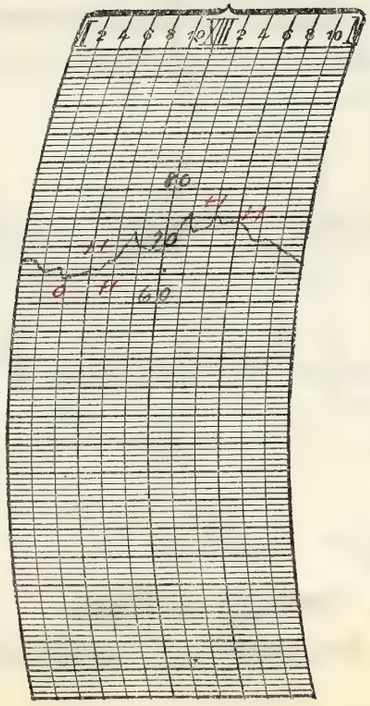
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy but altogether a very pleasant day.

Prepared by

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 31 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	65	64	64	65	62	63	70	76	80
State of weather: Nature of precipitation and time of beginning and ending					RBHE DNA		RB 6:45	HE 7:30	RB 8:02 HE 8:20			
Amounts of precipitation					T		.10	.54	.15			
Cloudiness and other conditions					Cloudy						Pt. Cloudy	
Sunrise: Time, Character, 4:36 Cloudy												
Moonrise: 12:50p Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.1	0.4	1.0	1.0	1.0
Wind direction	SW	W	SW	SW	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	5	5	7	6	7	7	14	10	12	14	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	82	80	80	79	77	73	72	70	69	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear				Pt. Cldy		Clear					
Sunset: Time, Character, 6:59 Cloudy												
Moonset: 11:33p												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	17	17	16	20	17	13	11	9	7	6	7	7

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	60	72	

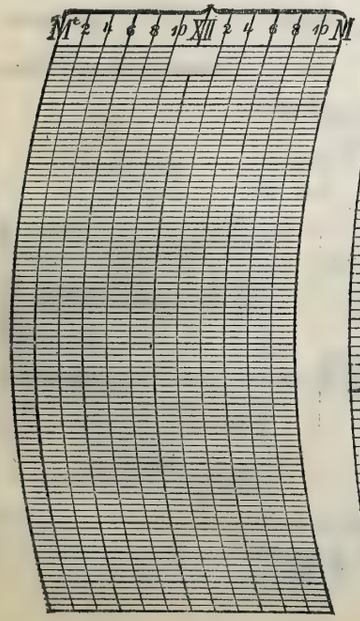
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .79 ins.
Total precipitation, midnight to midnight, .79 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.5 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 59
Prevailing wind direction, SW Total wind 253
Average hourly velocity, 10.5 Extreme velocity, 31
Maximum velocity, @ 24 Direction, NW
Time began, 7:01 a.m.
Reduced barometer, 30.02 7 a. m. 29.95 7 p. m.
River gage, 2.8 Feet
Relative humidity, 95 7 a. m. 51 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	6:45a	7:30a	.64	6:59a	7:14a	.01	.24	.53	.60											

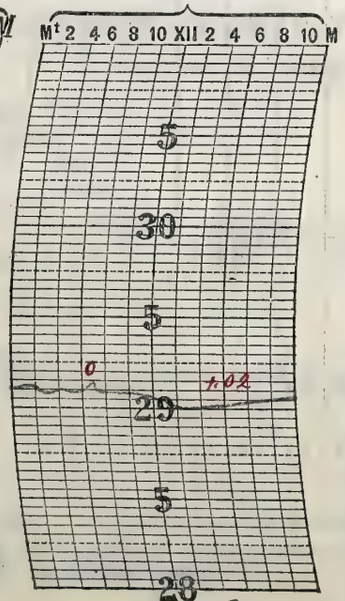
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.8 Wet temperature, 69.1
Dew-point, 64 R. humidity, 58 V. pressure, .595
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

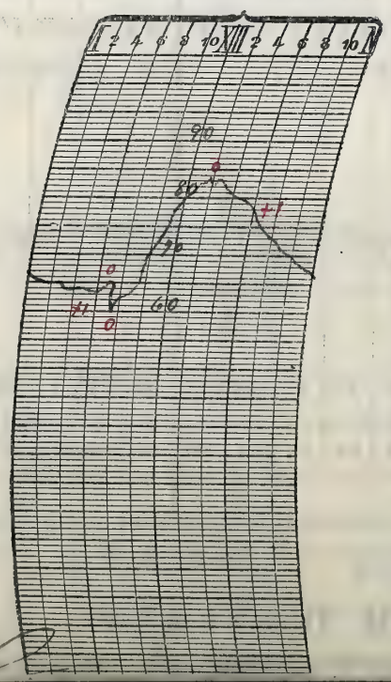
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Values of all elements below this line interpolated
Max for 23 Hrs. 25 Min.

NOTES.

A thunderstorm of moderate to intensity accompanied by considerable rain began at 6:45 a.m., and ended at 7:30 a.m.
A partly cloudy day with moderate temperatures

Prepared by

Form No. 1012—Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG - 1 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	63	63	64	66	69	70	73	75	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear					
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW
Wind movement	7	8	7	7	6	5	11	11	11	10	11	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	81	81	80	79	76	74	72	70	69	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cloudy				→ Clear →	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	W
Wind movement	10	12	12	13	12	11	7	6	4	4	3	5
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:37 Character, Cloudy
Moonrise: 1:53 p Cloudy
Sunset: Time, 6:57 Character, Cloudy
Moonset: ——

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, ——
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.5 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 80
Prevailing wind direction, NW Total wind 206
Average hourly velocity, 8.6 Extreme velocity, 16
Maximum velocity, 15 Direction, NW
Time began, 2:57 p.m.
Reduced barometer, 30.01 7 a. m. 29.96 7 p. m.
River gage, 2.5 Feet
Relative humidity, 84 7 a. m. 50 7 p. m.

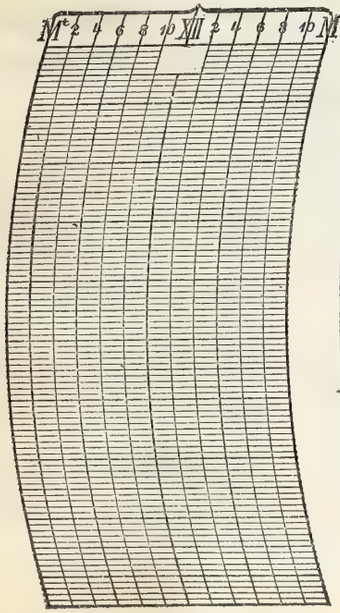
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

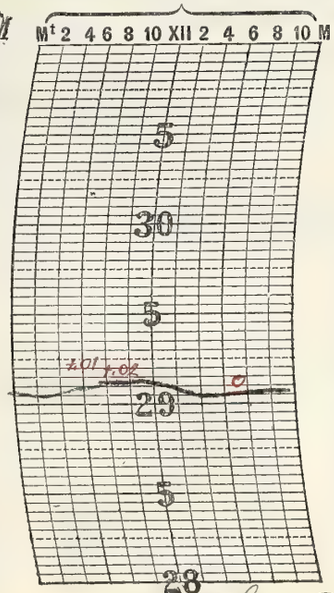
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.9 Wet temperature, 64.9
Dew-point, 58 R. humidity, 50 V. pressure, .482
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

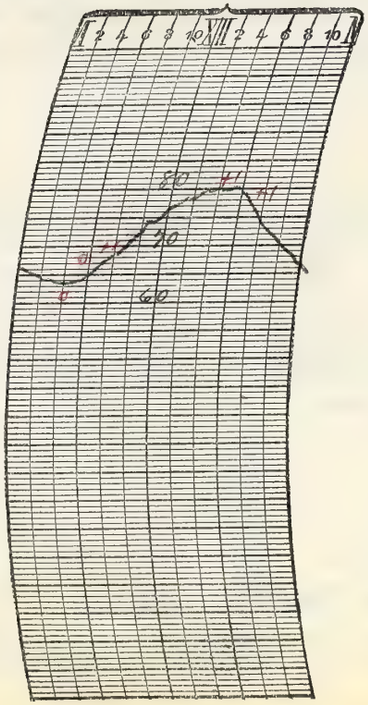
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderate temperatures

Prepared by

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG -2 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	62	61	63	67	70	74	77	79	80	82	82	82	82	82	81	79	75	71	70	68	66
State of weather. Nature of precipitation and time of beginning and ending															H13 2:00 RE 2:03	H13 3:33 RE 3:35								
Amounts of precipitation															T	T								
Cloudiness and other conditions					← Pt. Cloudy →			× Clear →			× Pt. Cloudy		× Cloudy		× Pt. Cloudy ×				Clear					→
Sunrise: Time, 4:38 Character, Cloudy																					Sunset: Time, 6:56 Character, Clear			
Moonrise: 2:54p Cloudy																					Moonset: 12:17a —			
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.9	0.3	0.2	0.8	0.3 0.7	.93 0					
Wind direction	W	NW	W	W	W	NW	NW	N	N	N	NW	NE	N	NW	NE	N	NW	NW	NW	NW	N	NW	NW	NW
Wind movement	4	5	4	4	4	6	6	6	5	6	7	4	4	5	5	4	8	8	10	12	6	5	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

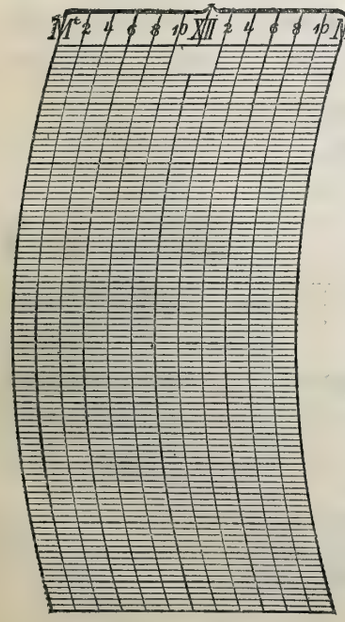
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.0 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 77
Prevailing wind direction, NW Total wind 137
Average hourly velocity, 5.7 Extreme velocity, 14
Maximum velocity, 13 Direction, NW
Time began, 1:24 p.m.
Reduced barometer, 29.99 7 a. m. 29.89 7, p. m.
River gage, 2.5 Feet
Relative humidity, 84 7 a. m. 52 7 p. m.

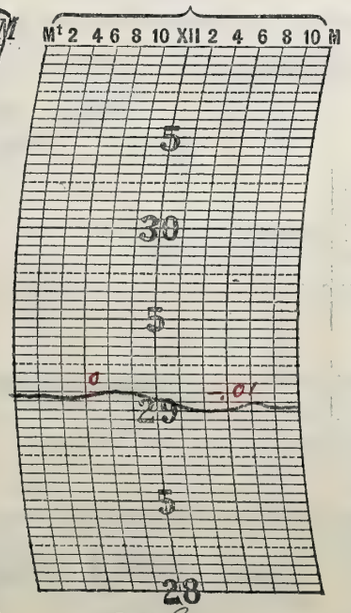
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.6 Wet temperature, 66.0
Dew-point, 58 R. humidity, 46 V. pressure, .482
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

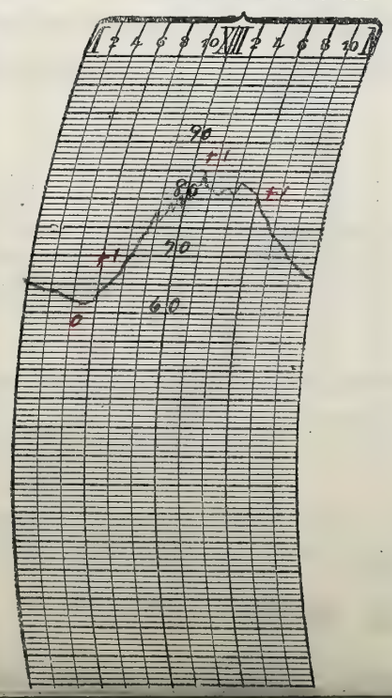
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A healthy cloudy and moderately warm day.

Prepared by EAS

Verified by O. M. A. Donnals

Verified by P. McGinnigle

Form No. 1014—Met.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG -3 1922, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	62	61	61	66	68	74	77	79	81	82	83	84	83	79	70	70	69	68	68	66	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear						x		Pt. Cloudy			x Cldy				Clear				→
Sunrise: Time, Character	4:39 Clear																							
Moonrise	3:49p Cloudy																							
Sunset: Time, Character																					6:55 Cloudy			
Moonset																					1:04a			
Sunshine (in tenths of hours)					.35 / 0	1.0 / 0	0.2 / 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.1	0					
Wind direction	NW	NW	NW	NW	NW	N	N	N	N	N	N	NE	N	NW	NW	NW	NW	E	SE	SE	S	SW	SW	W
Wind movement	5	4	3	4	4	5	3	4	6	6	7	6	6	7	10	10	14	12	4	4	6	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 10.2 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 85

Prevailing wind direction, NW Total wind 148

Average hourly velocity, 6.2 Extreme velocity, 22

Maximum velocity, 20 Direction, E

Time began, 5:00 p.m.

Reduced barometer, 29.93 7 a. m. 29.90 7 p. m.

River gage, 2.5 Feet

Relative humidity, 84 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

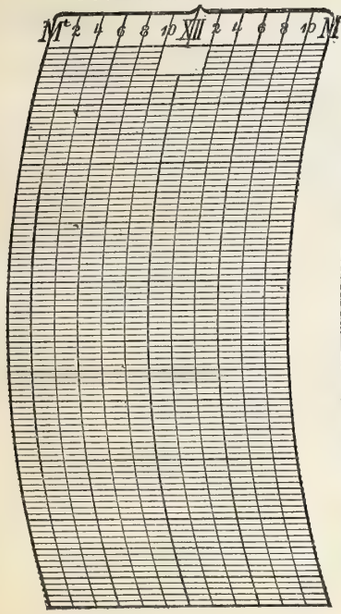
Dry temperature, 80.8 Wet temperature, 64.8

Dew-point, 56 R. humidity, 42 V. pressure, 448

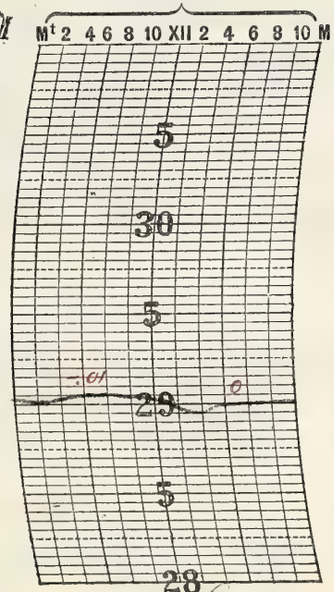
Clouds: Amount, 4; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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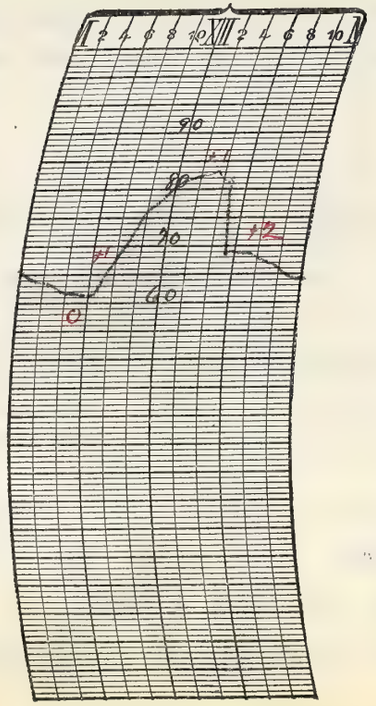


NOTES.

Light deposit of dew on ground this morning at time of observation. Cl. rapidly changing and moderately warm day.

Prepared by C.E.S.

Verified by P. McGinnigle

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG -4 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	64	63	63	66	70	74	77	78	80	80	83	82	82	81	79	78	74	71	69	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear						Clear						→			
Sunshine (in tenths of hours)					.33 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.90 0					
Wind direction	W	W	W	NW	NW	NW	N	N	N	NW	N	N	N	N	NW	N	N	N	N	N	NE	NE	NE	NE
Wind movement	6	5	5	5	4	6	4	6	7	8	8	8	7	7	7	7	8	6	4	5	5	6	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:40 Character, Clear
Moonrise: 4:40p Clear

Sunset: Time, 6:54 Character, Clear
Moonset: 1:56a —

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 100
Prevailing wind direction, N. Total wind 141
Average hourly velocity, 5.9 Extreme velocity, 12
Maximum velocity, 12 Direction, N
Time began, 10:25 a.m.
Reduced barometer, 29.95 7 a. m. 29.95 7 p. m.
River gage, 2.4 Feet
Relative humidity, 83 7 a. m. 50 7 p. m.

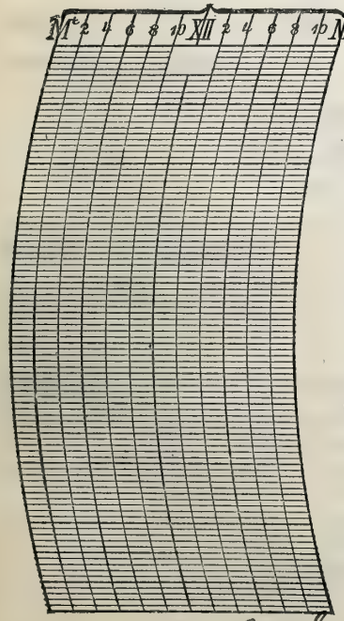
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

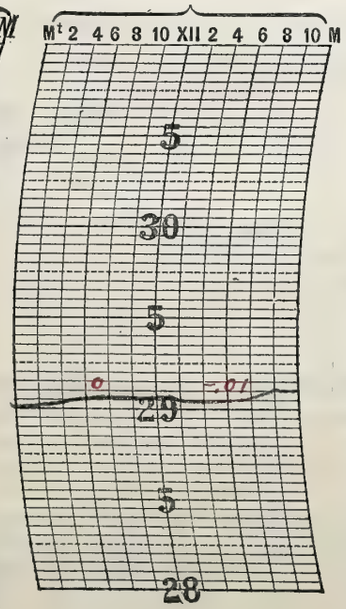
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.0 Wet temperature, 63.0
Dew-point, 53 R. humidity, 41 V. pressure, .402
Clouds: Amount, Few; Kind, Cu; Direction, N.
Velocity of clouds (miles per hour)

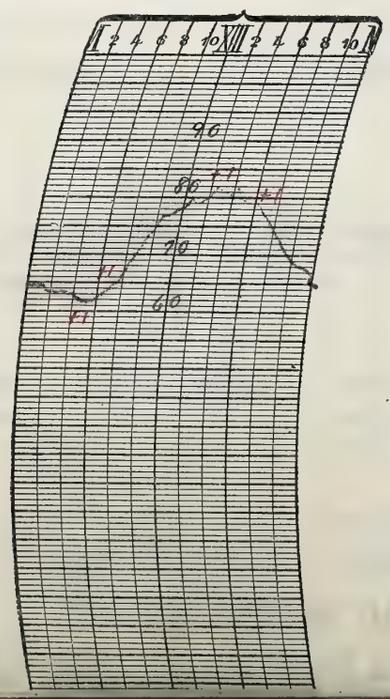
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by } Cook
Verified by

NOTES.

A clear and rather warm day

Verified by

FORM NO. 1014—MCU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG -5 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	62	61	61	64	71	75	78	80	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					.32 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	N	SE	SW	S
Wind movement	4	5	3	2	2	1	3	3	2	3	6	4

Sunrise: Time, 4:41 Character, Clear
Moonrise: 5:15p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	83	82	82	81	79	76	74	72	70	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear			Pt. Cloudy								
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	6	6	6	4	5	4	4	5	6	7	7	7

Sunset: Time, 6:53 Character, Cloudy
Moonset: 2:44a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	60	72	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.2 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 79
Prevailing wind direction, NE Total wind 105
Average hourly velocity, 4.4 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 2:33 p.m.
Reduced barometer, 30.10 7 a. m. 30.04 7 p. m.
River gage, 2.4 Feet
Relative humidity, 83 7 a. m. 42 7 p. m.

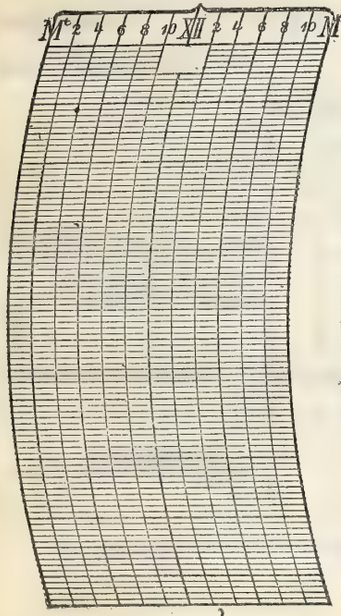
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

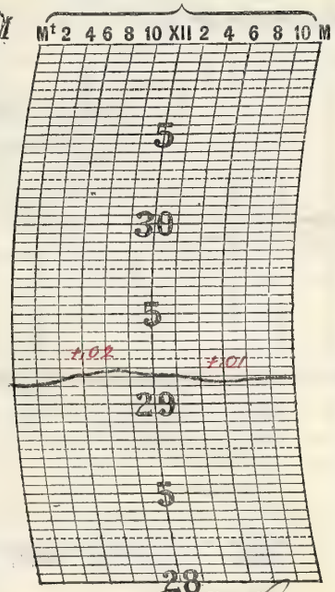
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 65.0
Dew-point, 55 R. humidity, 40 V. pressure, 432
Clouds: Amount, 3; Kind, Ast.; Direction, NW.
Velocity of clouds (miles per hour)

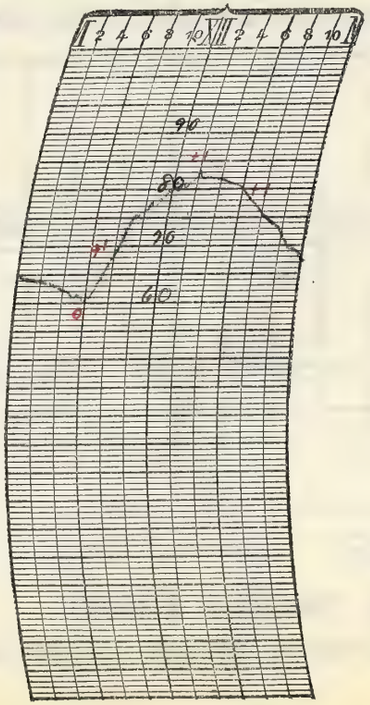
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and very hot warm day.

Prepared by

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG - 6 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	65	65	65	71	74	80	82	86	86
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunshine (in tenths of hours)					.30 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	5	7	8	9	9	10	9	13	14	16	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	82	83	83	83	78	73	72	71	71	72	71
Nature of precipitation and time of beginning and ending		RB 1:50	RE 2:07			RB 5:25	RE 6:30	RB 7:40 RE 7:48				
Amounts of precipitation		T	T			.01	T	T				
Cloudiness and other conditions					Partly		Cloudy					
Sunshine (in tenths of hours)	0.7	0.4	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	15	11	10	9	12	16	13	11	10	13	15

Sunrise: Time, 4:42 Character, Clear
Moonrise: 6:05p Cloudy
Sunset: Time, 6:52 Character, Cloudy
Moonset: 3:46a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

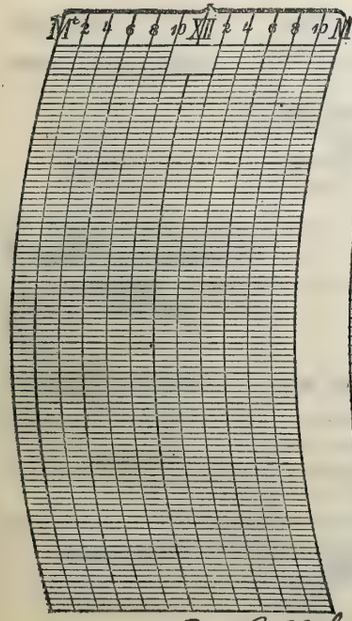
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.4 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 59
Prevailing wind direction, SW Total wind 274
Average hourly velocity, 11.4 Extreme velocity, 27
Maximum velocity, 21 Direction, SW
Time began, 12:14 p.m.
Reduced barometer, 30.00 7 a. m. 29.81 7 p. m.
River gage, 2.4 Feet
Relative humidity, 56 7 a. m. 72 7 p. m.

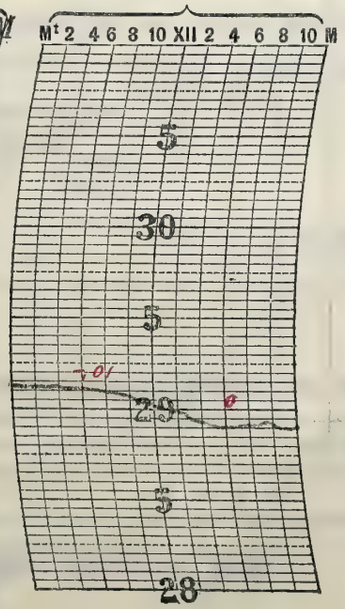
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.2 Wet temperature, 65.0
Dew-point, 52 R. humidity, 31 V. pressure, .382
Clouds: Amount, 7; Kind, A St.; Direction, W.
Velocity of clouds (miles per hour)

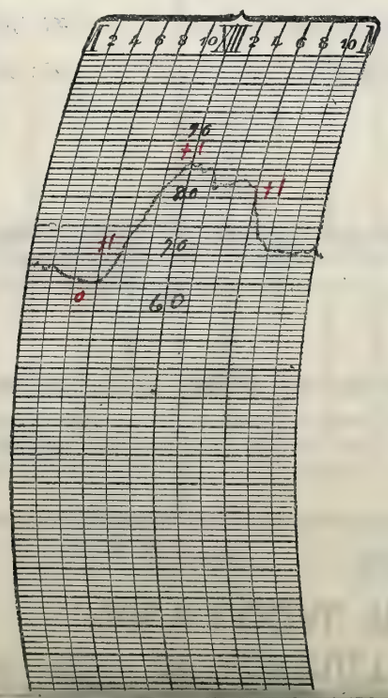
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm, of light intensity, moving from the west, began at 5:25 p.m. and ended at 6:30 p.m.

Prepared by
Verified by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG - 7 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	69	69	69	70	72	76	79	81	84	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Pt. Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	13	12	11	12	10	12	13	14	16	14	18

Sunrise: Time, 4:43 Character, Cloudy
Moonrise: 6:41p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	85	86	84	77	76	75	74	69	69	68	61
State of weather: Nature of precipitation and time of beginning and ending									1918 8:18			
Amounts of precipitation									.11	T	T	.28
Cloudiness and other conditions			Cldy		Pt. Cloudy				Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.6	0.6	0.2	0.1	0					
Wind direction	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NE
Wind movement	22	19	18	20	17	16	11	3	5	3	6	13

Sunset: Time, 6:51 Character, Cloudy
Moonset: 4:43a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

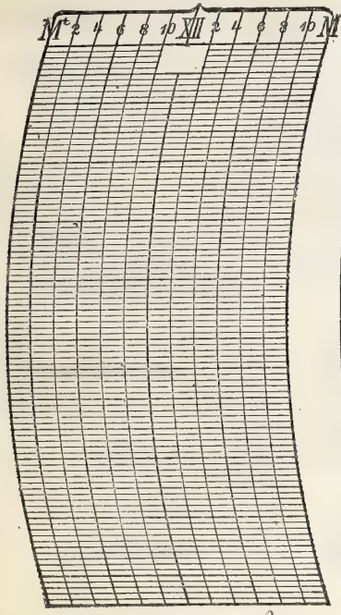
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	61	74	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .39 inches.
Character of day, Pt. Cloudy Moon phase, Full 10:12a m.
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.3 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 59
Prevailing wind direction, SW Total wind 313
Average hourly velocity, 13.0 Extreme velocity, 29
Maximum velocity, 26 Direction, SW
Time began, 12:52 p.m.
Reduced barometer, 29.20 7 a. m. 29.62 7 p. m.
River gage, 2.3 Feet
Relative humidity, 88 7 a. m. 59 7 p. m.

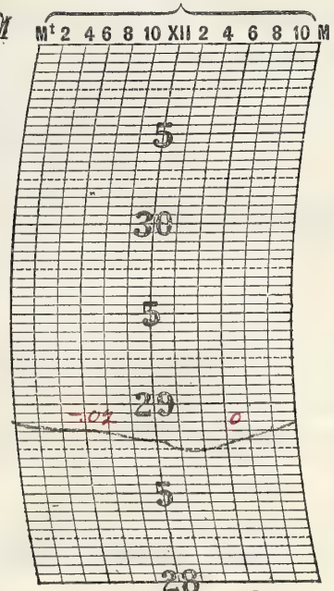
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.8 Wet temperature, 69.2
Dew-point, 62 R. humidity, 46 V. pressure, 555
Clouds: Amount, 5; Kind, Cu; Direction, W.
Velocity of clouds (miles per hour)

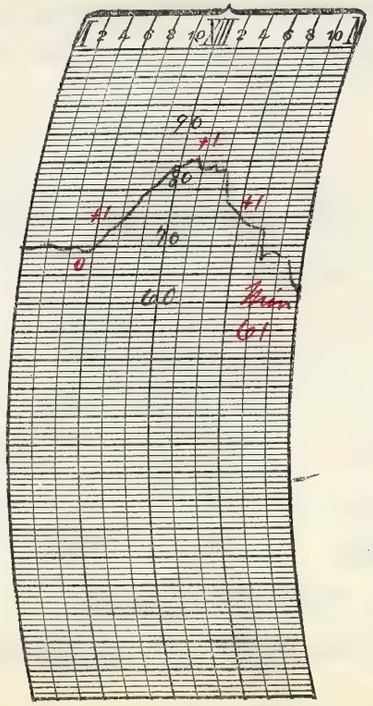
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy day with moderately high temperatures

Prepared by

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG - 8 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	61	61	60	60	60	62	64	65	67	68	70
State of weather: Nature of precipitation and time of beginning and ending		RE DNA										
Amounts of precipitation	.04	T										
Cloudiness and other conditions	← Pt. Cloudy × Clear × Pt. Cloudy × Cloudy →											
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	N	N	NE	NE	NE	NE	NE	NE
Wind movement	15	9	9	8	6	9	10	13	12	12	12	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	71	71	70	69	68	66	65	64	63	61
Sunshine (in tenths of hours)	1.0	0.8	0.6	0.3	0.3	0	0					
Wind direction	N	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	10	8	9	8	7	5	5	7	6	6	5	4

Sunrise: Time, 4:44 Character, Cloudy
Moonrise: 2:13p Cloudy
Sunset: Time, 6:40 Character, Cloudy
Moonset: 5:40a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	57	64	✓

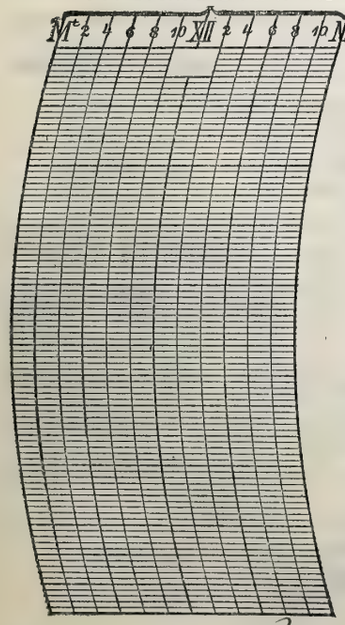
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .43 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.6 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 62
Prevailing wind direction, NE Total wind 205
Average hourly velocity, 8.5 Extreme velocity, 18
Maximum velocity, 17 Direction, NE
Time began, 12:21 a.m.
Reduced barometer, 29.91 7 a. m. 29.96 7 p. m.
River gage, 2.7 Feet
Relative humidity, 76 7 a. m. 55 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

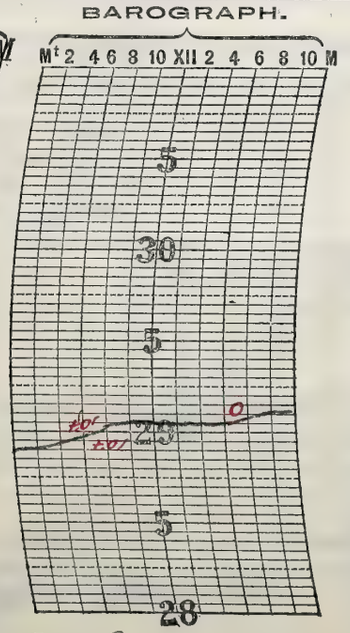
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.8 Wet temperature, 57.1
Dew-point, 46 R. humidity, 42 V. pressure, .310
Clouds: Amount, 6; Kind, Cu; Direction, N.
Velocity of clouds (miles per hour)

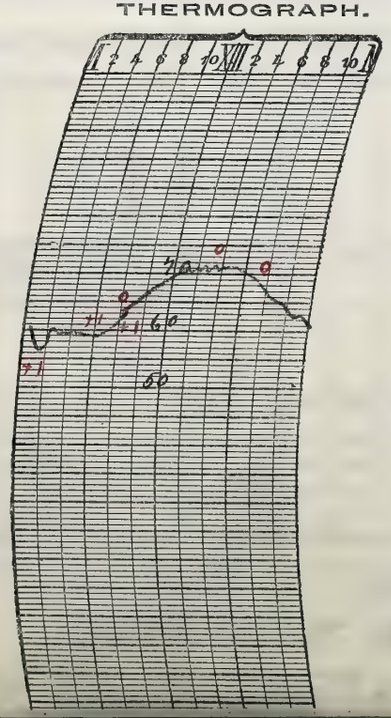
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A hardly cloudy and cool invigorating day.

Prepared by

Verified by

Verified by .....

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG -9 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	56	55	55	57	59	64	67	68	70	72	72	72	73	72	72	71	70	67	63	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy		×	Pt. Cloudy			—	Pt. Cloudy			—	×	—	Clear			→	
Sunshine (in tenths of hours)					0	0	0.2	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.3	0.5	0					
Wind direction	E	E	NE	NE	NE	NE	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	3	2	3	5	5	5	5	5	5	4	6	8	6	7	5	5	8	5	2	1	1	4	3	3
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 4:44; Character, Cloudy. Moonrise: 7:44p Clear.

Sunset: Time, 6:48; Character, Cloudy. Moonset: 6:37a Cloudy.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	55	64	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 8.6 Possible sunshine, hours, 14.1

Per cent of possible sunshine, 61

Prevailing wind direction, NE Total wind 106

Average hourly velocity, 4.4 Extreme velocity, 10

Maximum velocity, 10 Direction, NE

Time began, 4:00 p.m.

Reduced barometer, 30.12 7 a. m. 30.09 7 p. m.

River gage, 2.5 feet.

Relative humidity, 78 7 a. m. 39 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

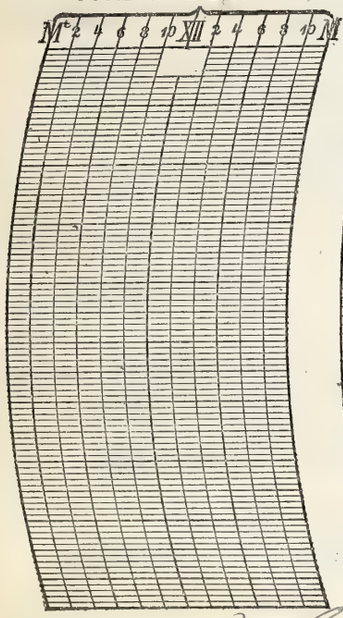
Dry temperature, 69.6 Wet temperature, 57.0

Dew-point, 47 R. humidity, 45 V. pressure, 0.31 3.22

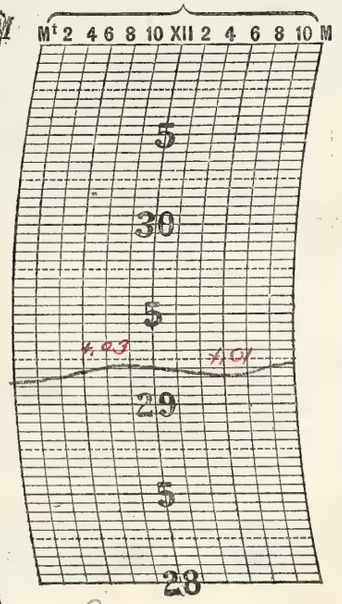
Clouds: Amount, 4; Kind, Cu; Direction, W.

Velocity of clouds (miles per hour)

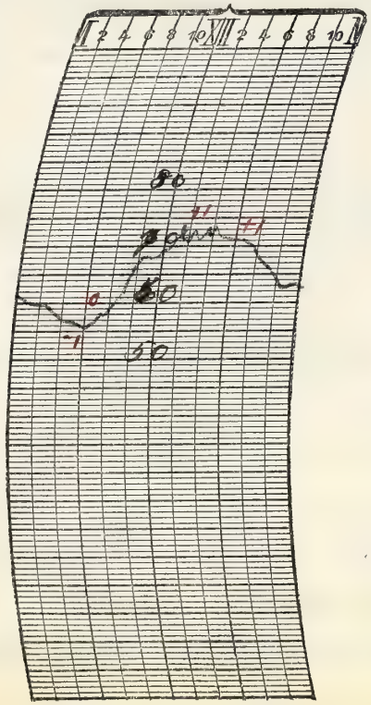
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy and cool and uninteresting day.

Prepared by .....

Verified by .....

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 10 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	56	56	55	55	61	64	69	71	72	73	75	76	77	77	76	75	74	72	70	67	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear			→	×	Pt.	Cloudy		×		Clear					→
Sunrise: Time, Character	4:45 Clear																							
Moonrise	8:13p Clear																							
Sunset: Time, Character																					6:47 Clear			
Moonset																					2:33a Clear			
Sunshine (in tenths of hours)					.25 0	1.0 0	0.2 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.4	0.5 0.5	.78 0					
Wind direction	E	E	E	E	E	E	O	E	E	E	NE	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	2	1	1	2	1	1	0	3	3	4	7	5	7	5	5	4	5	4	2	3	3	3	3	5
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	54	66	✓

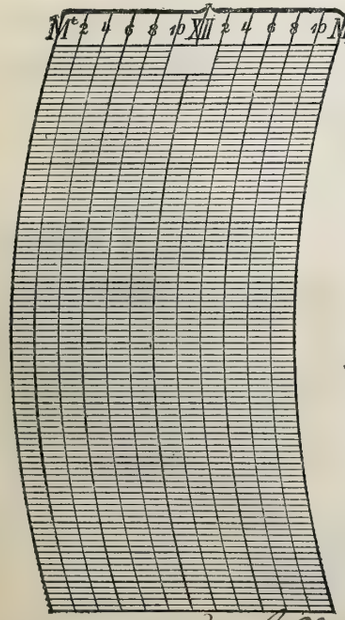
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.9 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 92
Prevailing wind direction, E Total wind 77
Average hourly velocity, 3.3 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 10:12 a.m.
Reduced barometer, 30.22 7 a. m. 30.17 7 p. m.
River gage, 2.4 Feet
Relative humidity, 75 7 a. m. 37 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

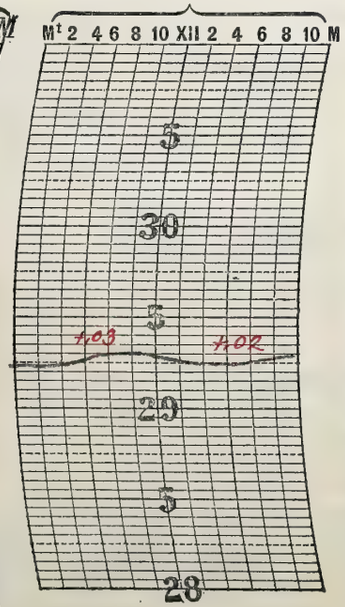
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.6 Wet temperature, 57.9
Dew-point, 46 R. humidity, 38 V. pressure, .310
Clouds: Amount, 1; Kind, Cu.; Direction, NE
Velocity of clouds (miles per hour)

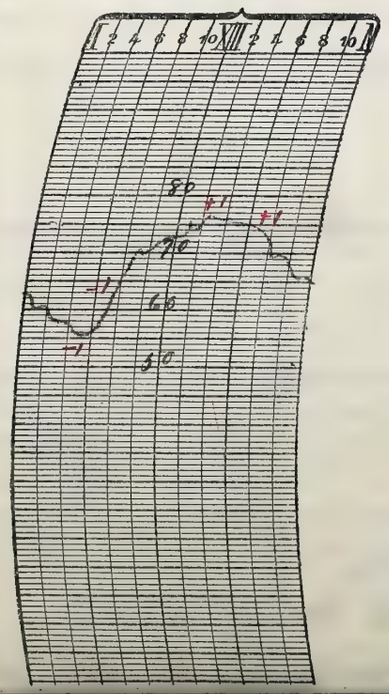
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light deposit of dew ground at 6 a.m. observation.
A clear, cool, and invigorating day.

Prepared by CDS
Verified by

Verified by
Form No. 1014—Mot 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 11 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	58	56	55	55	61	64	70	72	74	76	77	78	80	78	78	78	74	72	69	67	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear				←				Clear				→			Pt. Cloudy					→			
Sunshine (in tenths of hours)					.22 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.2	0					
Wind direction	SE	SE	E	E	E	NE	E	E	E	E	E	E	E	E	E	E	SE	E	E	E	E	E	E	E
Wind movement	3	1	3	3	4	5	4	4	7	8	8	9	12	12	10	9	7	5	5	6	8	7	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:47 Character, Clear
Moonrise: 8:42p Clear
Sunset: Time, 6:45 Character, Cloudy
Moonset: 8:29a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

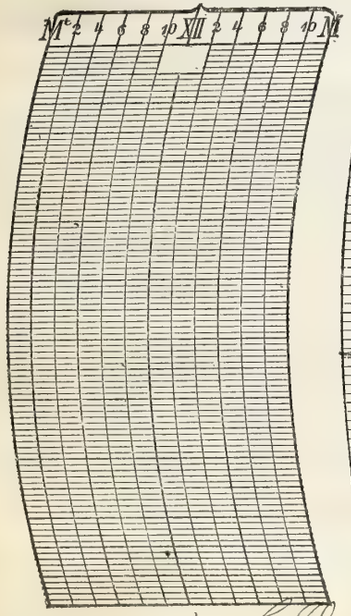
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	55	68	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.2 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 87
Prevailing wind direction, E Total wind 154
Average hourly velocity, 6.4 Extreme velocity, 17
Maximum velocity, 16 Direction, E
Time began, 12:43 p.m.
Reduced barometer, 30.17 7 a. m. 30.19 7, p. m.
River gage, 2.3 Fall
Relative humidity, 71 7 a. m. 42 7 p. m.

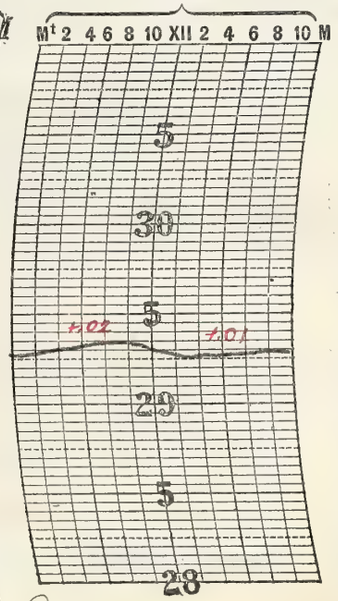
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.6 Wet temperature, 57.7
Dew-point, 42 R. humidity, 30 V. pressure, 26.6
Clouds: Amount, 2; Kind, Cu St; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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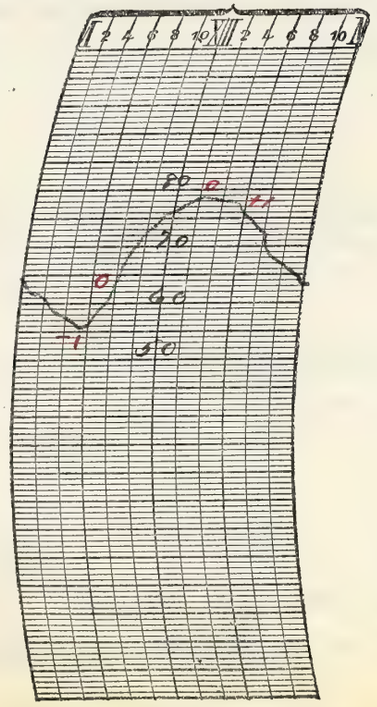


NOTES.

A fairly cloudy and somewhat cool day.

Prepared by CLS
Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 12 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	60	60	60	63	67	73	76	77	80	81	82	83	84	82	83	79	78	76	75	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Cloudy			x	Pt. Cloudy										
Sunrise: Time, Character,	4:48 Cloudy																							
Moonrise:	9:11p Cloudy																							
Sunset: Time, Character,																					6:44 Cloudy			
Moonset:																					9:25a Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0.4	0					
Wind direction	E	NE	E	E	E	E	E	E	E	SE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	5	6	5	5	5	4	4	2	3	4	5	6	7	7	6	7	6	7	3	6	5	7	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.2 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 59
Prevailing wind direction, SE Total wind 130
Average hourly velocity, 5.4 Extreme velocity, 9
Maximum velocity, 9 Direction, SE
Time began, 8:55 p.m.
Reduced barometer, 30.21 7 a. m. 30.14 7 p. m.
River gage, 2.4 Feet
Relative humidity, 84 7 a. m. 47 7 p. m.

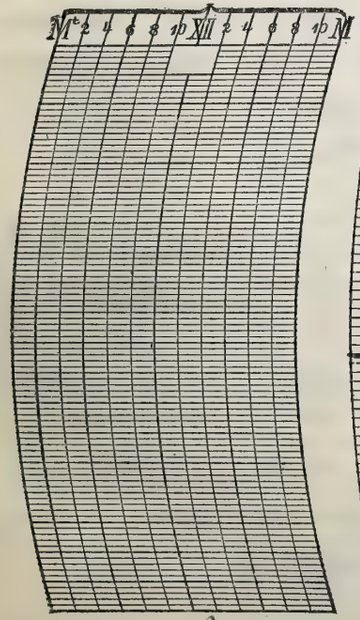
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

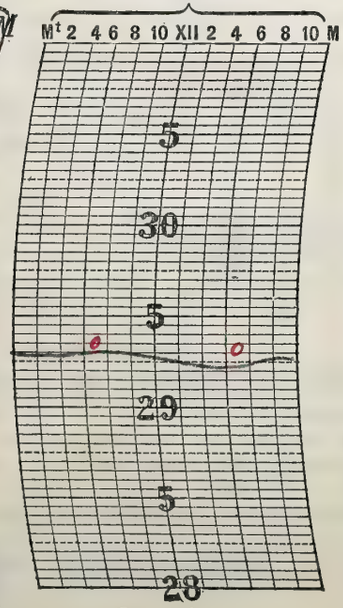
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.6 Wet temperature, 67.0
Dew-point, 60 R. humidity, 52 V. pressure, .517
Clouds: Amount, 8; Kind, A Cu.; Direction, NW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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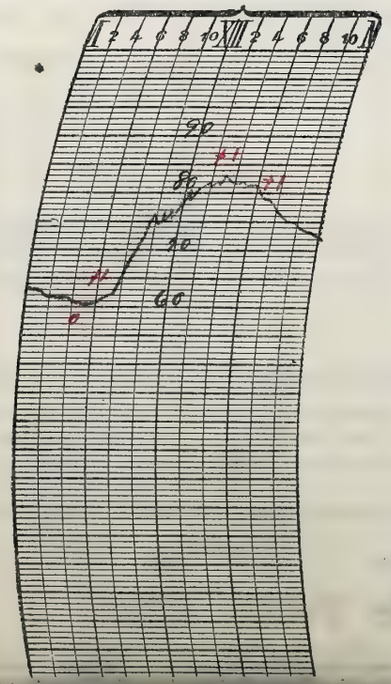


NOTES.

A fairly cloudy day with moderately high temperatures.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) AUG 13 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	66	64	63	63	66	70	76	79	82	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunrise: Time, Character,	4:49 Clear											
Moonrise:	9:42p											
Sunshine (in tenths of hours)					.18 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	SE	E	E	E	E	E	SE	SE	SE	SE
Wind movement	5	3	3	4	4	4	4	3	4	4	5	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	85	82	86	85	84	82	77	77	76	73	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, Character,												
Moonrise:												
Sunset: Time, Character,									6:43 Cloudy			
Moonset:									10:22a Clear			
Sunshine (in tenths of hours)	1.0	1.0	0.8	1.0	1.0	0.4	0					
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	7	6	5	6	6	5	4	5	6	4	4	5
Maximum velocities (exceeding 29 miles) direction and time												

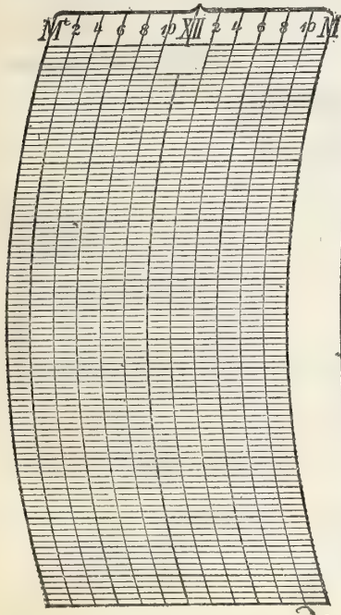
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	62	74	✓

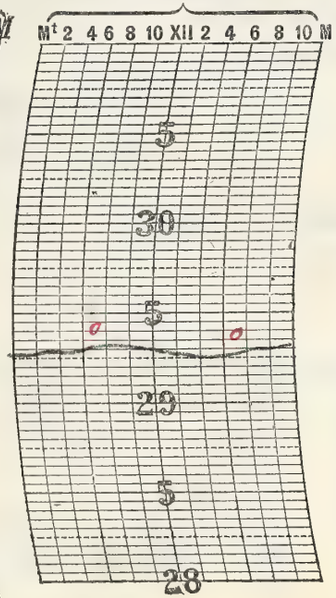
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.4 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 89
Prevailing wind direction, SE Total wind 112
Average hourly velocity, 4.7 Extreme velocity, 8
Maximum velocity, 8 Direction, SE
Time began, 1:25 pm
Reduced barometer, 30.22 7 a. m. 30.16 7 p. m.
River gage, 2.3 Feet
Relative humidity, 77 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 85.0 Wet temperature, 68.0
Dew-point, 59 R. humidity, 41 V. pressure, 29.9
Clouds: Amount, 1; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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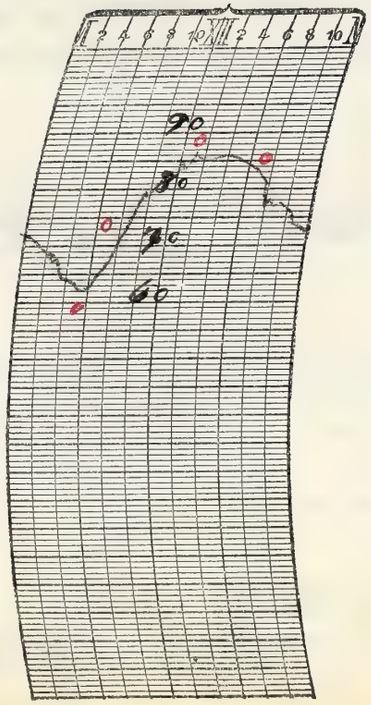


NOTES.

A clear and rather warm day.

Prepared by CCS
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 14 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	68	66	64	64	64	68	74	79	82	83	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)					6	0	0.4	0.9	1.0	1.0	1.0	1.0
Wind direction	S	SE	SE	E	E	E	E	E	SE	SE	SE	SE
Wind movement	3	3	2	4	3	3	2	2	2	4	4	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	85	86	86	87	86	85	83	78	74	73	72	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	SE	E
Wind movement	6	6	8	5	4	3	3	8	6	5	3	3

Sunrise: Time, 4:50 Character, Cloudy
Moonrise: 10:15p Clear

Sunset: Time, 6:41 Character, Cloudy
Moonset: 11:12a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

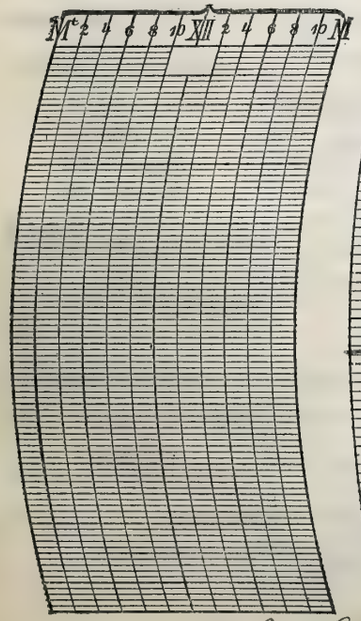
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	63	75	✓

Total depth of snow for 24 hours ending 7 p. m. 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 2
Actual sunshine, hours, 10.6 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 77
Prevailing wind direction, E Total wind 99
Average hourly velocity, 4.1 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 1:38 p.m.
Reduced barometer, 30.28 7 a. m. 30.18 7 p. m.
River gage, 2.3 Feet
Relative humidity, 29 7 a. m. 37 7 p. m.

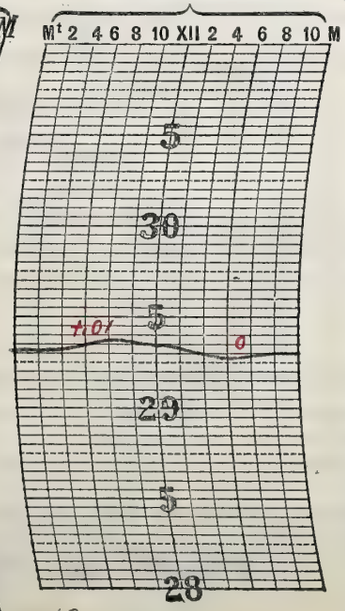
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.0 Wet temperature, 67.0
Dew-point, 56 R. humidity, 37 V. pressure, .448
Clouds: Amount, 3; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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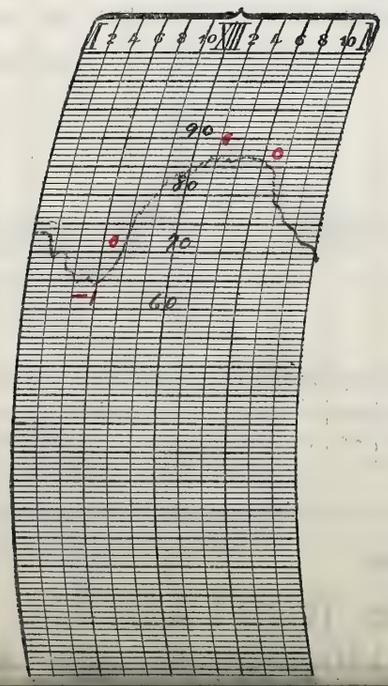


NOTES.

A clear and hot day.

Prepared by EOS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 15 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	64	64	64	69	75	78	83	87	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear x Pt. Cloudy							
Sunshine (in tenths of hours)					.15 0	1.0 0	0.7 0.3	1.0	0.9	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	S	SW	SW	W
Wind movement	1	2	3	2	1	1	1	2	4	7	7	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	89	88	91	89	87	85	81	79	78	75	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt. Cloudy →								
Sunshine (in tenths of hours)	1.0	1.0	0.1	1.0	1.0	0.2	0					
Wind direction	SW	NW	NW	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	6	4	2	6	5	5	5	6	7	6	7

Sunrise: Time, 4:51; Character, Clear. Moonrise: 10:53p

Sunset: Time, 6:40; Character, Cloudy. Moonset: 12:16p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	64	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, L.Q. 2:46p.

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 11.4 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 83

Prevailing wind direction, SW Total wind 100

Average hourly velocity, 4.2 Extreme velocity, 9

Maximum velocity, 9 Direction, W

Time began, 12:58 p.m.

Reduced barometer, 30.04 7 a. m. 30.02 7, p. m.

River gage, 2.4 Fall.

Relative humidity, 72 7 a. m. 38 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

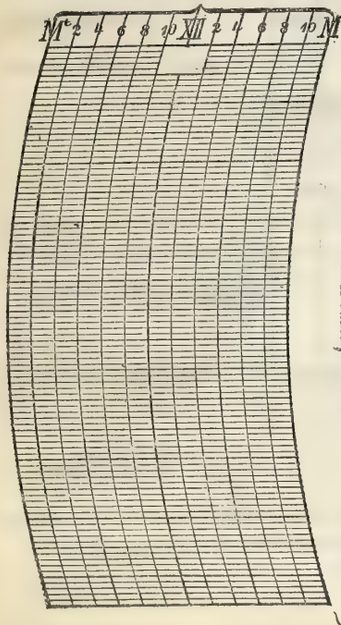
Dry temperature, 88.0 Wet temperature, 66.2

Dew-point, 53 R. humidity, 31 V. pressure, .402

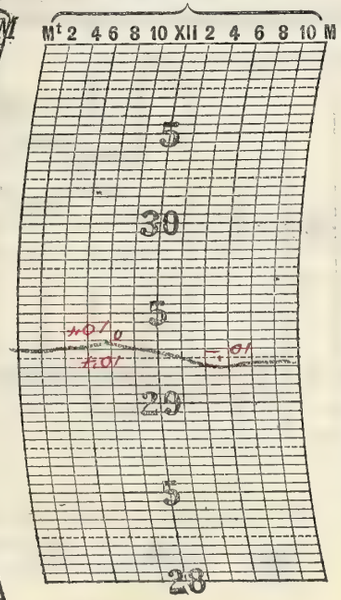
Clouds: Amount, 5; Kind, Cu; Direction, S

Velocity of clouds (miles per hour)

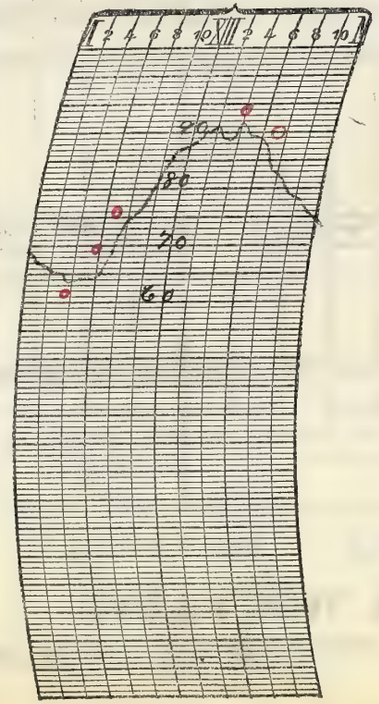
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and hot day.

Prepared by } 608

Verified by

8—480

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 16 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	68	67	67	66	70	76	82	87	88	90	92	90	92	91	89	86	84	80	81	80	77	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Pt Cldy	×	Clear		×	Pt Cldy	—	Cloudy						×	Pt Cldy	×		
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.6	0	0					
Wind direction	SW	SW	SW	SW	SW	NW	NW	NW	NW	N	N	N	NW	W	W	W	SW	S	NE	E	E	E	E	E
Wind movement	6	7	7	6	4	3	4	4	4	3	6	4	6	12	9	8	6	4	7	7	2	1	1	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:52 Character, Cloudy
Moonrise: 11:35 p

Sunset: Time, 6:39 Character, Cloudy
Moonset: 1:44 p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

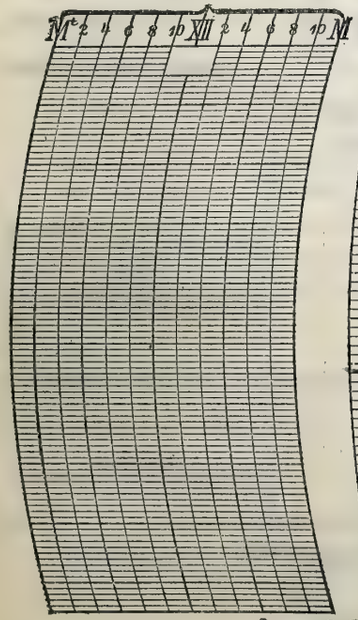
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	66	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.2 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 70
Prevailing wind direction, SW Total wind 126
Average hourly velocity, 5.2 Extreme velocity, 17
Maximum velocity, 17 Direction, W
Time began, 1:11 p.m.
Reduced barometer, 30.13 7 a. m. 30.02 7 p. m.
River gage, 2.3 Feet
Relative humidity, 69 7 a. m. 52 7 p. m.

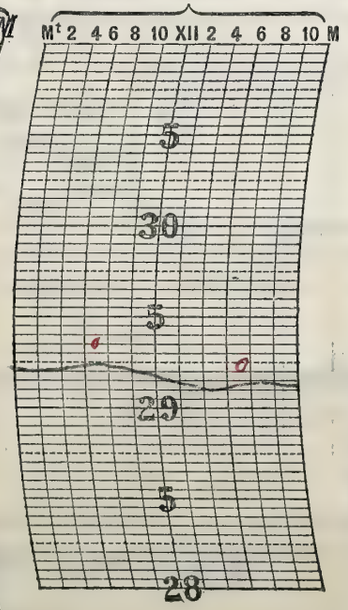
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 90.3 Wet temperature, 69.0
Dew-point, 58 R. humidity, 34 V. pressure, .482
Clouds: Amount, 4 2; Kind, Cu Ac; Direction, NW W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.

NOTES.

A fairly cloudy and hot sultry day.

Prepared by } CAS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 17 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	73	71	71	70	75	80	87	89	90	92	93	91	85	89	91	88	85	82	78	77	75	75
State of weather. Nature of precipitation and time of beginning and ending															1918 2119 RE 2130									
Amounts of precipitation															.02									
Cloudiness and other conditions					←				Clear			→	Pt. Cloudy			Cloudy		Cloudy		Clear			→	
Sunrise: Time, Character,	4:53 Clear																							
Moonrise:	—																							
Sunset: Time, Character,																					6:37 Cloudy			
Moonset:																					2:14 P Cloudy			
Sunshine (in tenths of hours)					.12 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.1	1.0	1.0	0.7	0					
Wind direction	N	N	N	N	N	N	N	N	W	SW	NW	NW	W	NW	NW	NW	NW	W	W	SW	SW	SW	SW	SW
Wind movement	2	2	2	2	1	1	1	2	5	5	8	8	7	7	14	7	5	6	6	5	7	7	8	7
Maximum velocities (exceeding 22 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

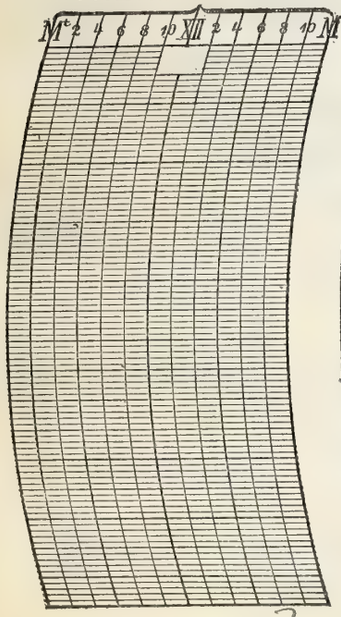
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
95	70	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.2 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 84
Prevailing wind direction, N Total wind 125
Average hourly velocity, 5.2 Extreme velocity, 21
Maximum velocity, 20 Direction, W
Time began, 2:07 p.m.
Reduced barometer, 30.63 7 a. m. 29.89 7 p. m.
River gage, 3.3 Feet
Relative humidity, 70 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 90.4 Wet temperature, 70.6
Dew-point, 61 R. humidity, 38 V. pressure, .536
Clouds: Amount, 6; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



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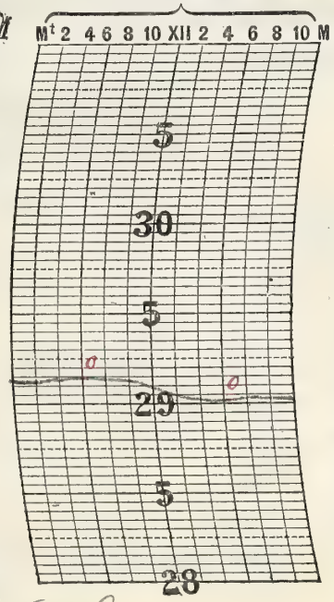

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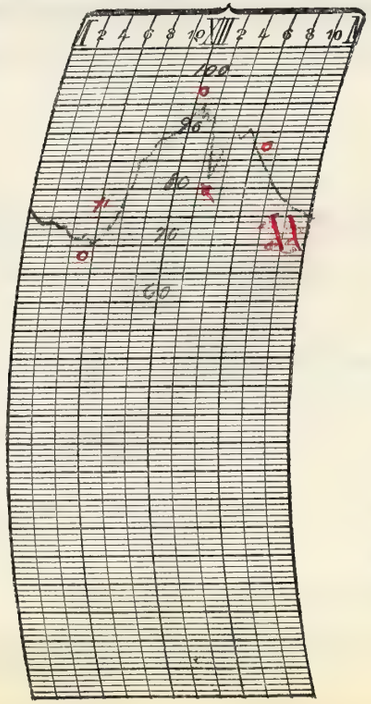


NOTES.

A healthy cloudy and hot oppressive day.

Prepared by 608
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 18 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	71	71	74	75	79	85	88	90	92	90 HB 12:35	83 RE 1:25	81	80	83	82	80	75	72	70	68	66
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation													.02	.09										
Cloudiness and other conditions					←		Pt. Cloudy		×		Cloudy					×	Pt. Cloudy				× Clear			→
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0	0.4	0.5	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	NW	NW	SW	W	NW	N	N	NW	NW	NW	N
Wind movement	8	8	9	7	8	8	9	8	8	9	10	12	16	14	11	8	5	11	7	7	7	9	8	6
Maximum velocities (exceeding 29 miles) direction and time														31 SW 1:13										

Sunrise: Time, 4:54 Character, Cloudy
Moonrise: 12:24a Clear
Sunset: Time, 6:36 Character, Cloudy
Moonset: 3:07p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

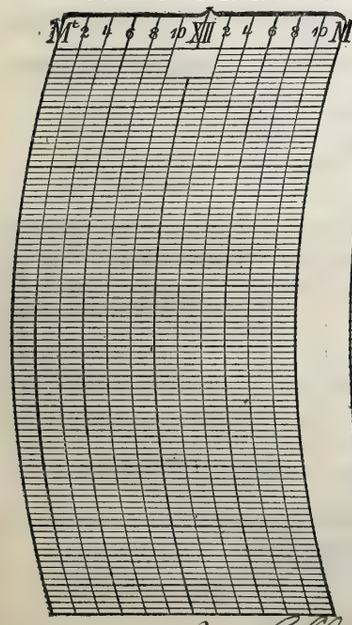
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	66	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.5 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 55
Prevailing wind direction, SW Total wind 217
Average hourly velocity, 8.9 Extreme velocity, 40
Maximum velocity, 31 Direction, SW
Time began, 1:13 pm.
Reduced barometer, 29.97 a. m. 29.89 7 p. m.
River gage, 2.35 feet
Relative humidity, 75 7 a. m. 38 7 p. m.

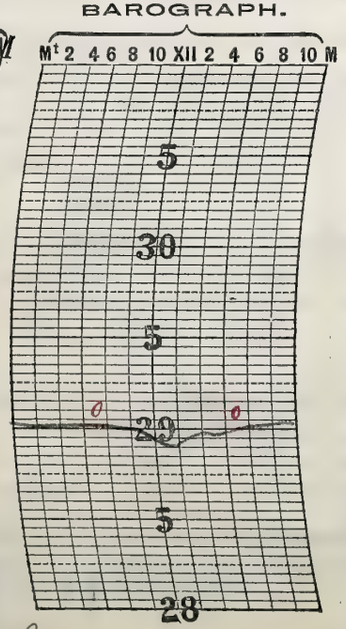
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 92.0 Wet temperature, 72.0
Dew-point, 62 R. humidity, 38 V. pressure, .333
Clouds: Amount, 6; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

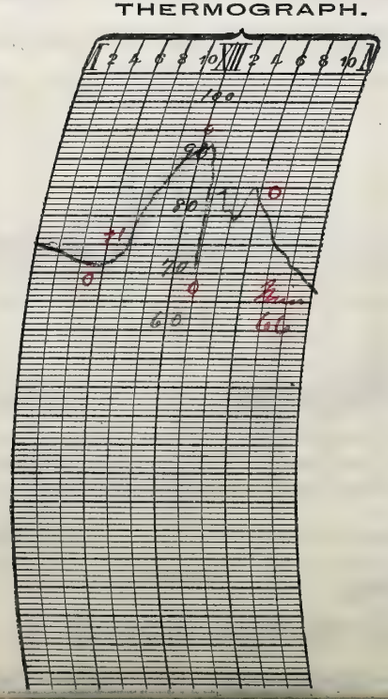
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm of light intensity, accompanied by light rain, began at 1:00 p.m., and ended at 1:25 pm. The storm moved from west to east.

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 19 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	63	61	62	66	69	73	74	76	77
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear				→	Pt. Cloudy	
Sunshine (in tenths of hours)					.08 0	0.8 0.2	1.0	1.0	1.0	1.0	0.6	1.0
Wind direction	N	N	N	NE	N	N	NE	NE	E	E	N	N
Wind movement	6	5	4	6	4	4	5	7	4	5	7	7
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:35 Character, Clear
Moonrise: 1:18a —

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	81	82	81	81	79	76	73	71	69	67	66
State of weather. Nature of precipitation and time of beginning and ending												RB 11:25- RE 11:38
Amounts of precipitation												T
Cloudiness and other conditions	Pt. Cloudy			→	Clear			→	Pt. Cloudy		→	Cloudy
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7	0					
Wind direction	N	NNE	N	N	N	N	N	NE	NE	NE	E	E
Wind movement	8	8	8	8	9	9	8	8	6	6	6	6
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 6:34 Character, Cloudy
Moonset: 4:40p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.4 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 91
Prevailing wind direction, N. Total wind 154
Average hourly velocity, 6.4 Extreme velocity, 15
Maximum velocity, 13 Direction, NE
Time began, 12:04 p.m.
Reduced barometer, 29.03 7 a. m. 29.98 7 p. m.
River gage, 2.3 Feet
Relative humidity, 76 7 a. m. 42 7 p. m.

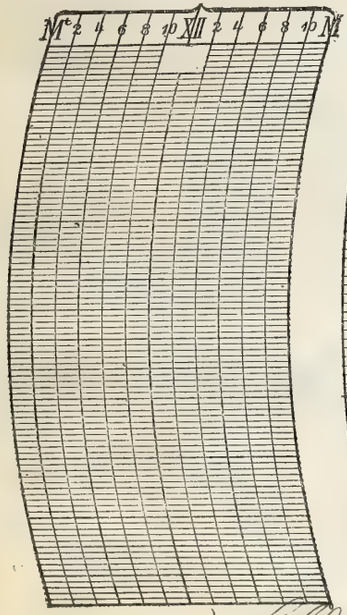
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

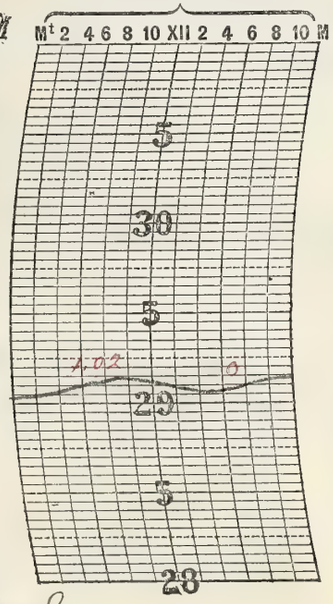
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 62.3
Dew-point, 53 R. humidity, 43 V. pressure, 502
Clouds: Amount, 6; Kind, Cu.; Direction, N.
Velocity of clouds (miles per hour)

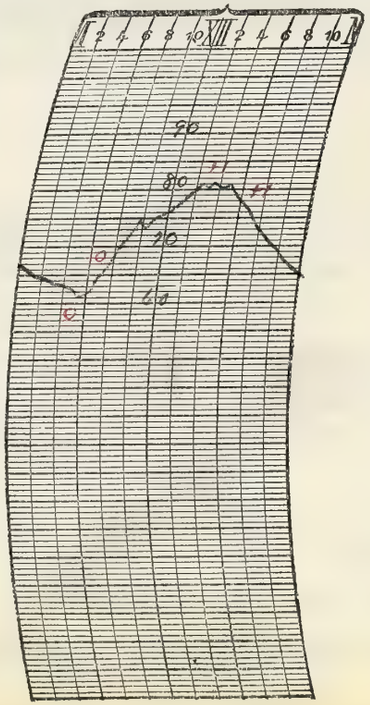
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy day with moderate temperatures.

Prepared by CWS
Verified by

8-486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 20 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	63	62	61	60	60	62	63	65	69	70	71
State of weather. Nature of precipitation and time of beginning and ending		RB NA	RE DNA			RB 5:39 RE 6:00						
Amounts of precipitation		.02	T			T						
Cloudiness and other conditions	← Cloudy											

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	74	75	74	73	71	69	66	64	64	63	61
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy				Clear		Pt. Cloudy					

Sunrise: Time, 4:56; Character, Cloudy. Moonrise: 8:21a

Sunset: Time, 6:33; Character, Cloudy. Moonset: 4:50p

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)					0	0	0	0.3	0.6	1.0	1.0	1.0
Wind direction	E	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	4	5	4	5	6	8	7	8	8	6	7	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0.2	0					
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	SE
Wind movement	9	7	6	6	5	8	6	6	7	5	4	5

Maximum velocities (exceeding 60 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	59	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.02 inches.

Character of day, Pt. Cloudy. Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 8.9 Possible sunshine, hours, 13.6

Per cent of possible sunshine, 65

Prevailing wind direction, E Total wind 151

Average hourly velocity, 6.3 Extreme velocity, 12

Maximum velocity, 12 Direction, E

Time began, 11:37 a.m.

Reduced barometer, 30.06 7 a. m. 30.09 7 p. m.

River gage, 2.3 Feet.

Relative humidity, 76 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

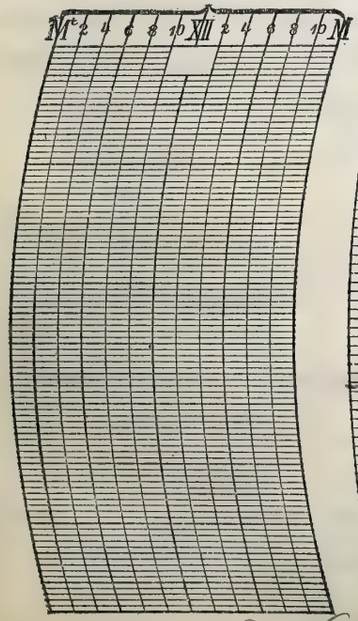
Dry temperature, 71.2 Wet temperature, 60.7

Dew-point, 54 R. humidity, 54 V. pressure, .417

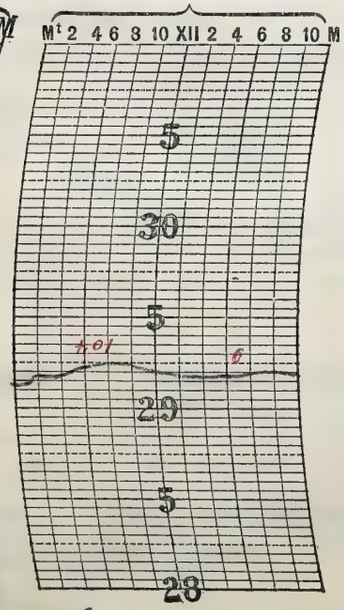
Clouds: Amount, 5; Kind, Cu; Direction, NW.

Velocity of clouds (miles per hour)

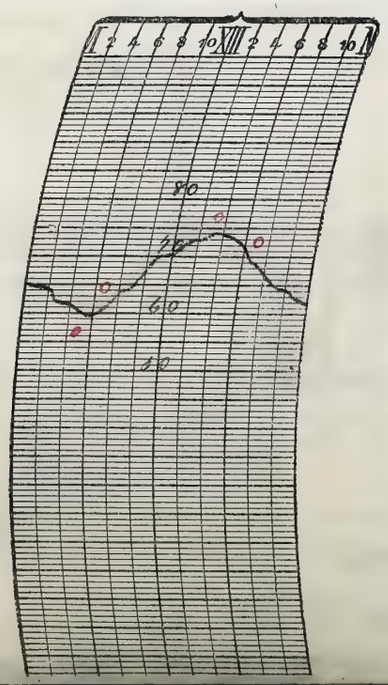
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and cool pleasant day.

Prepared by J. Ellis

FORM NO. 1012—REV. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 21 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	58	57	56	58	62	64	66	70	73	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, Character,	4:57 Cloudy											
Moonrise:	3:29a											
Sunshine (in tenths of hours)					0	0	0.1	0.3	0	0.7	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	4	4	4	4	8	9	10	7	6	8	9	8
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	76 RB 2:00 RE 2:19	76	75	75	74	73	72	71	71	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			T									
Cloudiness and other conditions				Cloudy →								
Sunset: Time, Character,									6:31 Cloudy			
Moonset:									5:35p Cloudy			
Sunshine (in tenths of hours)	0.3	0	0	0	0	0	0					
Wind direction	S	SE	SE	S	S	S	S	S	S	SE	S	S
Wind movement	9	8	7	10	10	7	3	6	5	6	6	6
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

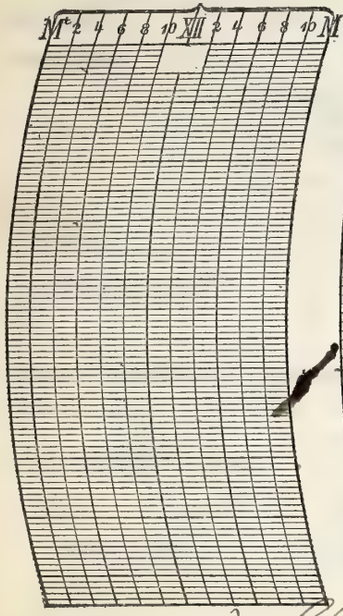
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	56	66	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.4 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 25
Prevailing wind direction, SE Total wind 164
Average hourly velocity, 6.8 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 4:12 pm
Reduced barometer, 30.12 7 a. m. 28.98 7 p. m.
River gage, 2.4 Foot
Relative humidity, 53 7 a. m. 57 7 p. m.

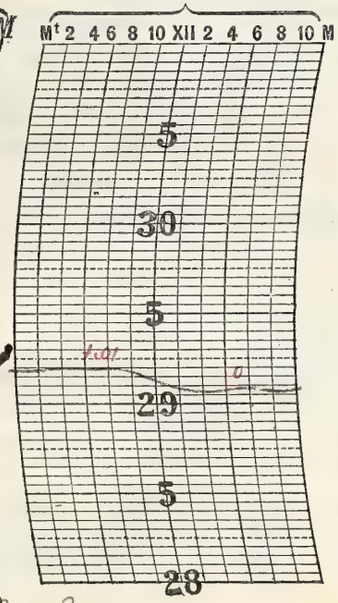
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.2 Wet temperature, 59.8
Dew-point, 48 R. humidity, 32 V. pressure, .334
Clouds: Amount, 9; Kind, Ast.; Direction, W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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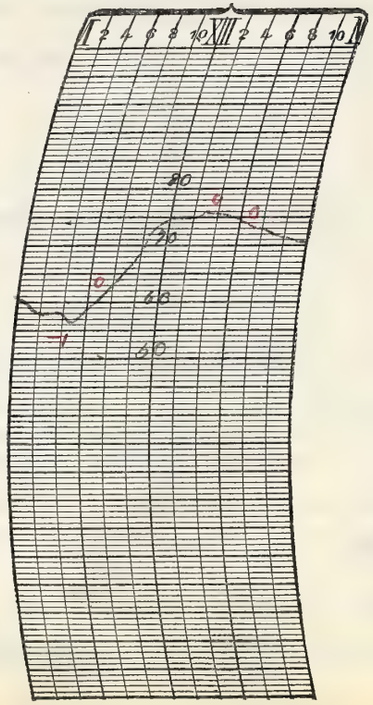


NOTES.

A cloudy and cool day.

Prepared by CDS
Verified by

8—480

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 22 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	69	67	67	68	68	69	73	77	81	83
State of weather: Nature of precipitation and time of beginning and ending							RB 6:00 RE 6:24	RB 7:03 RE 7:15				
Amounts of precipitation							T	T				
Cloudiness and other conditions	← Cloudy × Pt. Cldy →											
Sunrise: Time, Character, 4:58 Cloudy; Moonrise: 4:39a												
Sunshine (in tenths of hours)					0	0	0	0	0.4	1.0	1.0	1.0
Wind direction	S	SW	SW	SW	S	S	S	S	S	S	SW	SW
Wind movement	4	6	4	7	6	8	11	10	11	13	16	23
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	85	85	85	84	83	81	79	78	76	75	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy × Pt. Cloudy →								× Clear →			
Sunset: Time, Character, 6:30 Cloudy; Moonset: 6:15 P Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.9	0.5	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	12	14	13	8	6	6	10	8	6	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	66	76	

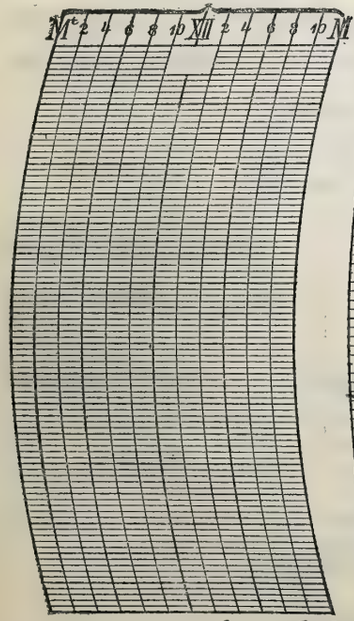
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase, New 2:34 p
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.7 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 57
Prevailing wind direction, SW Total wind 225
Average hourly velocity, 9.4 Extreme velocity, 19
Maximum velocity, 17 Direction, SW
Time began, 10:12 a.m.
Reduced barometer, 29.97 7 a. m. 29.95 7 p. m.
River gage, 2.3 Feet
Relative humidity, 76 7 a. m. 60 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

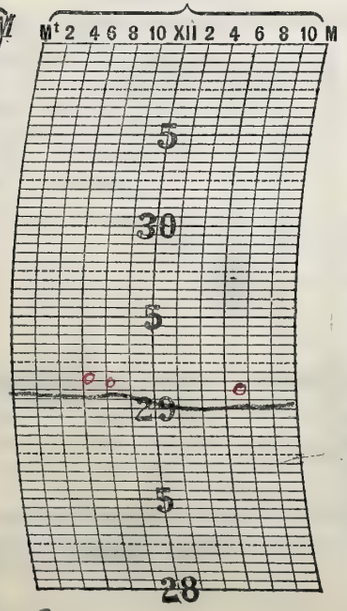
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.6 Wet temperature, 69.8
Dew-point, 64 R. humidity, 53 V. pressure, 29.5
Clouds: Amount, 5; Kind, Ast Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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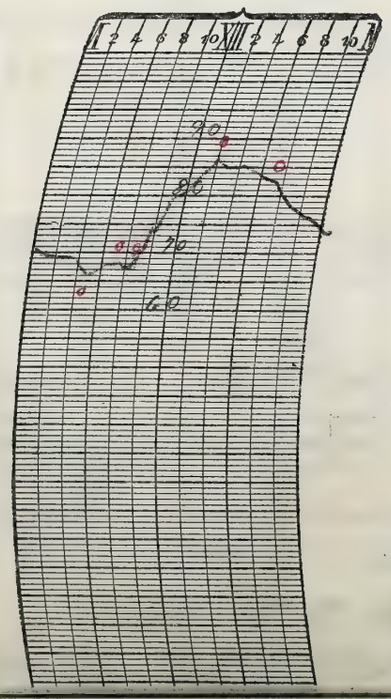


NOTES.

A partly cloudy day with moderate temperatures

Prepared by CCS

Verified by

Form No. 1011—Met'l.

Verified by
Form No. 1014—McC 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 23 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	71	71	71	71	71	72	73	71	69	71
			RBYE DNA							RB 9:05		RE 11:30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			.04							T	.13	.02
Cloudiness and other conditions								Cloudy				

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	72	75	73	72	70	70	70	70	70	70
							RB 6:27 RE 6:57	RB 7:24		RE 9:36		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							.04	T	T	.01		
Cloudiness and other conditions												

Sunrise: Time, 7:59 Character, Cloudy
Moonrise: 5:53a Cloudy

Sunset: Time, 6:28 Character, Cloudy
Moonset: 6:05p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SW	SW	S	S
Wind movement	9	10	8	7	6	9	8	9	13	13	10	9
Maximum velocities (exceeding 29 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.2	0.3	0.8	0.4	0	0	0					
Wind direction	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	10	9	11	13	8	5	5	5	5	5	3	2
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

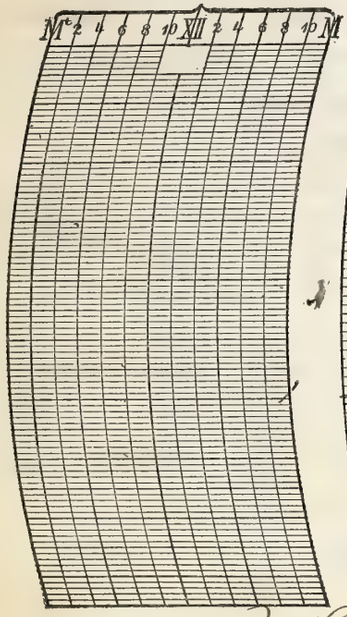
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	69	73	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .15 ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.2 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 13
Prevailing wind direction, S Total wind 192
Average hourly velocity, 8.0 Extreme velocity, 21
Maximum velocity, 18 Direction, S
Time began, 2:46 p.m.
Reduced barometer, 29.83 7 a. m. 29.89 7 p. m.
River gage, 2.3 Feet
Relative humidity, 88 7 a. m. 92 7 p. m.

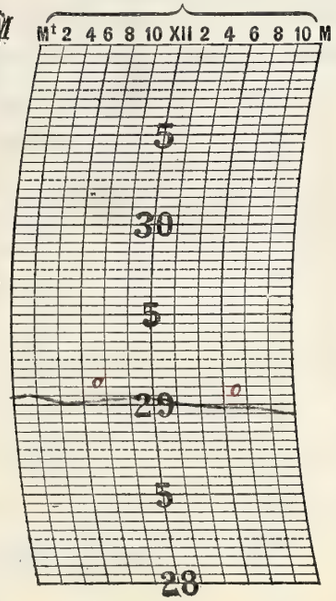
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.4 Wet temperature, 70.0
Dew-point, 70 R. humidity, 93 V. pressure, 732
Clouds: Amount, 10; Kind, St; Direction, S
Velocity of clouds (miles per hour)

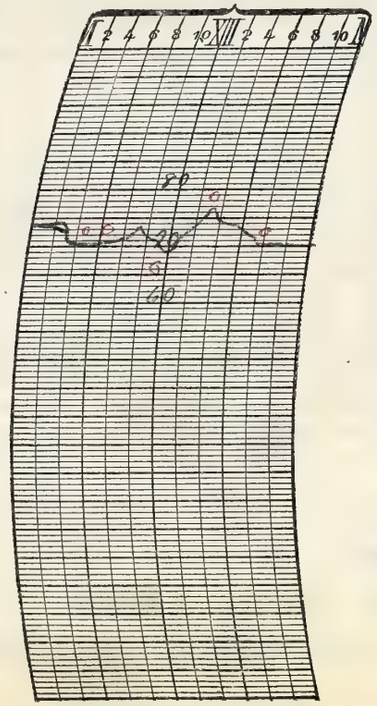
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures and occasional showers.

Prepared by CCS
Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 24 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	70	70	70	72	72	73	73	75	77
State of weather: Nature of precipitation and time of beginning and ending										RB 9:26 RE 9:31		
Amounts of precipitation										T		
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	5:00 Cloudy											
Moonrise:	7:06 a Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.4
Wind direction	SE	SE	SE	SE	E	N	N	N	N	N	NW	W
Wind movement	2	1	2	2	3	4	2	5	5	5	4	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	81	81	80	80	80	79	68	72	69	68	69
State of weather: Nature of precipitation and time of beginning and ending							RB 6:35	RE 7:27				
Amounts of precipitation							.24	.04				
Cloudiness and other conditions	Pt Cldy			Cloudy					Pt Cldy	Clear		
Sunset: Time, Character,									6:22 Cloudy			
Moonset:									7:36 p Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	5	7	8	8	6	5	9	15	7	9	9	12

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

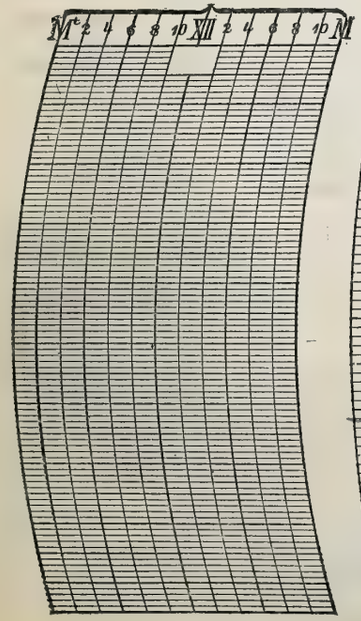
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	67	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .28 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.5 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 26
Prevailing wind direction, SW Total wind 139
Average hourly velocity, 5.8 Extreme velocity, 34
Maximum velocity, 26 Direction, NW
Time began, 6:43 p.m.
Reduced barometer, 29.85 7 a. m. 29.88 7, p. m.
River gage, 2.3 Feet
Relative humidity, 93 7 a. m. 75 7 p. m.

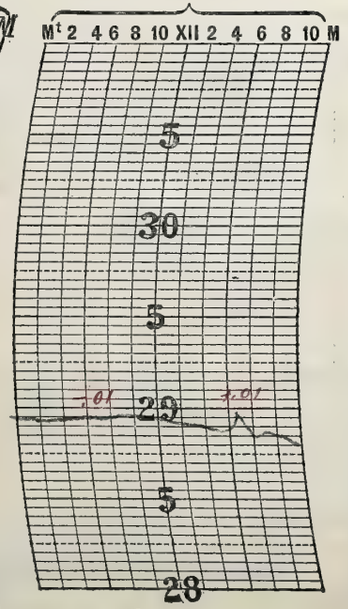
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 71.0
Dew-point, 68 R. humidity, 71 V. pressure, .684
Clouds: Amount, 9; Kind, St Cu; Direction, N
Velocity of clouds (miles per hour)

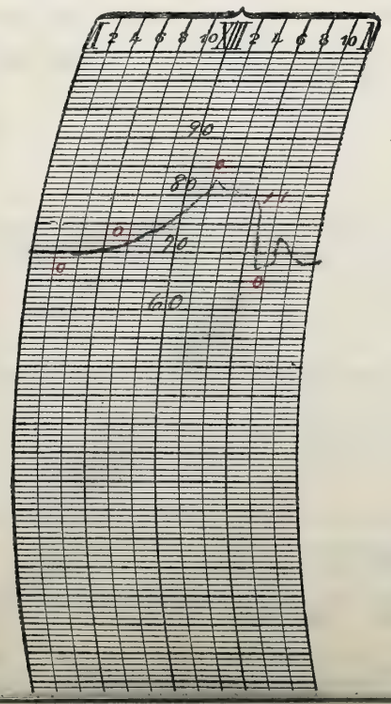
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm of moderate intensity moving from the north began at 6:10 p.m., and ended at 7:27 p.m.

Prepared by CCS

Verified by P. McDonough

Form No. 1014—McG.

Verified by F. M. Donough
Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) AUG 25 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	69	71	73	74	75	75	75	75	74	76	78	77	77	76	74	73	72	68	65	63	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Cloudy			→	Pt. Cloudy	→			Clear									
Sunshine (in tenths of hours)						0	0	0.4	0.4	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.42 0					
Wind direction	SW	S	S	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	7	10	13	14	13	7	8	12	15	14	13	13	14	15	17	16	14	7	5	7	9	9	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:00 Character, Cloudy
Moonrise: 8:19a Cloudy
Sunset: Time, 6:25 Character, Clear
Moonset: 8:13p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

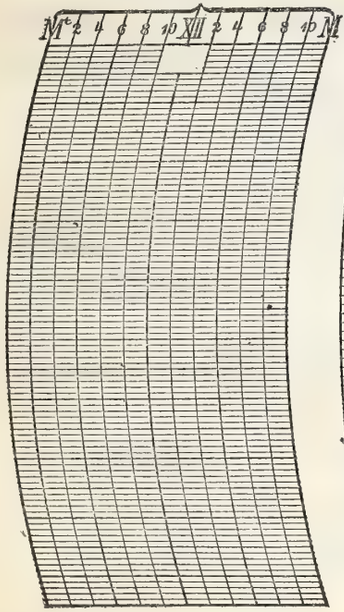
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	60	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .28 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.1 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 68
Prevailing wind direction, NW Total wind 265
Average hourly velocity, 11.0 Extreme velocity, 23
Maximum velocity, 21 Direction, NW
Time began, 3:10 p.m.
Reduced barometer, 29.65 7 a. m. 29.28 7 p. m.
River gage, 2.4 Feet
Relative humidity, 74 7 a. m. 56 7 p. m.

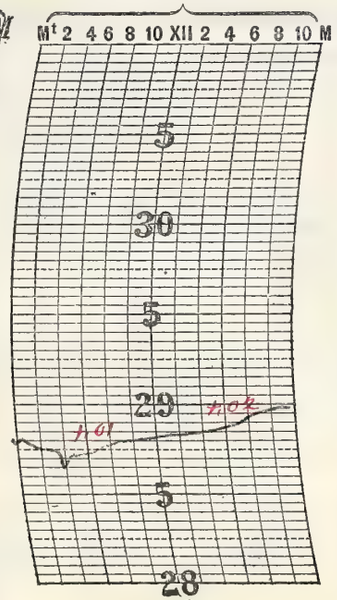
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.0 Wet temperature, 63.0
Dew-point, 55 R. humidity, 48 V. pressure, .432
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

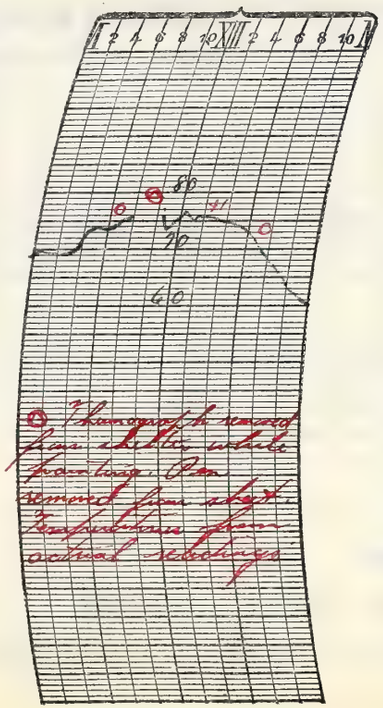
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day with moderate temperatures

Prepared by CCS
Verified by F. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 26 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	58	55	54	55	59	65	67	69	70	71	71	71	71	71	69	67	66	64	61	61	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear		× Pt. Cloudy		×			Cloudy				× Pt. Cloudy				× Clear			→
Sunshine (in tenths of hours)						.99 0	0.1 0.9	1.0	1.0	0.9	0.9	1.0	0.7	0.1	0	0	0	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	4	5	4	3	4	3	3	4	5	8	8	8	8	8	8	8	9	6	4	5	5	5	4

Sunrise: Time, 5:62 Character, Clear
Moonrise: 9:31a Cloudy
Sunset: Time, 6:24 Character, Cloudy
Moonset: 8:53p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

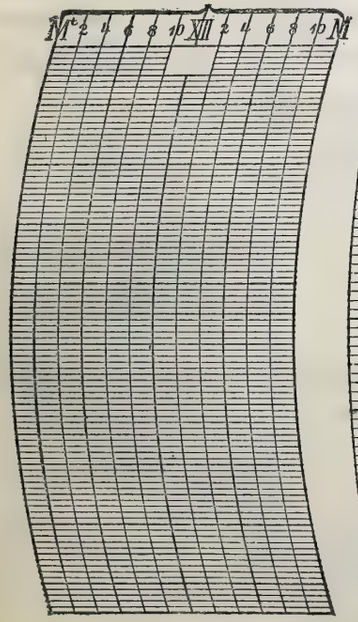
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	54	63	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.6 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 57
Prevailing wind direction, NW Total wind 133
Average hourly velocity, 5.5 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 4:57 p.m.
Reduced barometer, 29.97 7 a. m. 30.00 7 p. m.
River gage, 2.4 feet
Relative humidity, 28 7 a. m. 60 7 p. m.

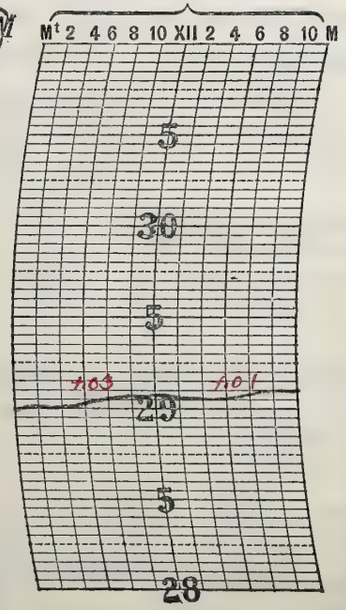
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.0 Wet temperature, 62.0
Dew-point, 57 R. humidity, 60 V. pressure, .463
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

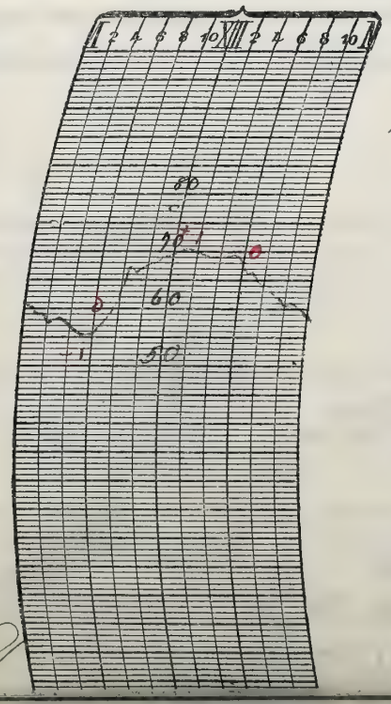
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light deposit of snow on ground at 8 a.m., observation a partly cloudy day with moderate temperatures

Prepared by C. M. Donovan

Verified by C. M. Donovan

Form No. 1014—Met'l.

Verified by [illegible]

FORM NO. 1014—MCU 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 27 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	56	54	53	55	58	64	68	70	71	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear						
Sunshine (in tenths of hours)						.95 0	1.0	1.0	1.0	1.0	0.9	1.0
Wind direction	NW	NW	N	NW	NW	N	NW	NW	N	N	N	N
Wind movement	5	5	3	3	5	4	4	4	5	8	6	8

Sunrise: Time, 5:03 Character, Clear

Moonrise: 10:40a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	74	74	74	72	70	68	65	64	64	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy	×			Clear							→
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.7	0.9	0.3	0					
Wind direction	N	N	N	NW	N	N	N	NE	E	E	SE	S
Wind movement	7	9	6	7	8	6	4	4	4	4	6	4

Sunset: Time, 6:22 Character, Cloudy

Moonset: 9:33p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 11.6 Possible sunshine, hours, 13.3

Per cent of possible sunshine, 87

Prevailing wind direction, N. Total wind 129

Average hourly velocity, 5.4 Extreme velocity, 12

Maximum velocity, 12 Direction, NW.

Time began, 1:26 p.m.

Reduced barometer, 30.09 7 a. m. 30.05 7 p. m.

River gage, 2.4 Feet

Relative humidity, 80 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

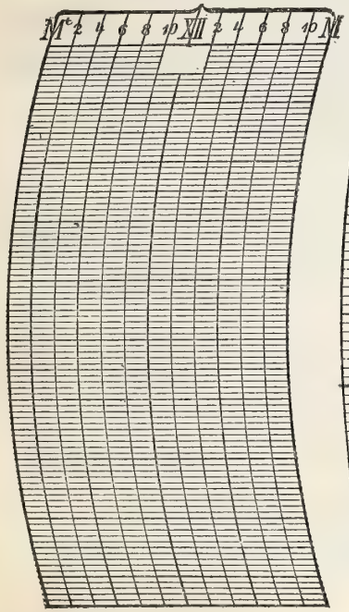
Dry temperature, 72.2 Wet temperature, 59.2

Dew-point, 50 R. humidity, 46 V. pressure, 36.0

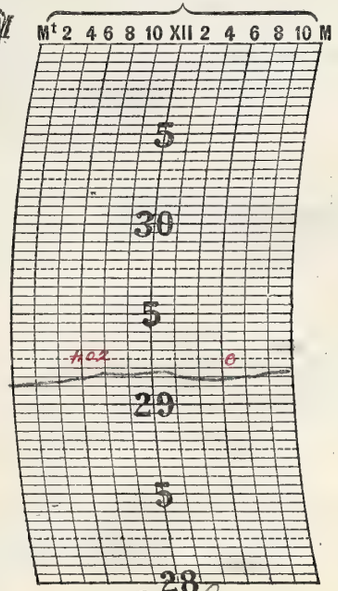
Clouds: Amount, 5; Kind, Cu; Direction, NW.

Velocity of clouds (miles per hour)

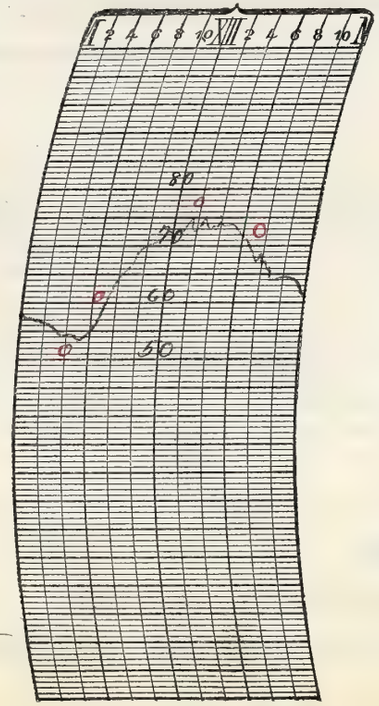
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and ideal day

Prepared by [illegible]

Verified by J. M. Conroy

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 28 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	57	57	56	58	61	68	73	74	75	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear			× Pt. Cloudy	
Sunshine (in tenths of hours)						0	0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	4	2	2	1	2	2	4	5	5	9	11	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	79	79	78	75	74	71	70	69	68	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				× Clear			× Pt. Cloudy					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW
Wind movement	10	9	11	12	11	8	7	7	9	9	10	9
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 5:04 Character, Cloudy
Moonrise: 11:45a Cloudy
Sunset: Time, 6:21 Character, Cloudy
Moonset: 10:17p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	56	68	

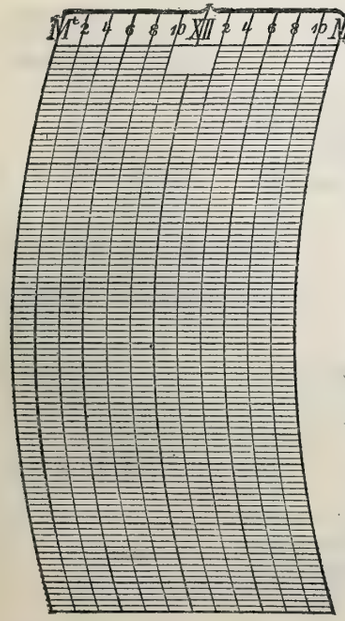
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.8 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 81
Prevailing wind direction, S. & SW. Total wind 170
Average hourly velocity, 2.1 Extreme velocity, 18
Maximum velocity, 15 Direction, SW.
Time began, 3:50 pm.
Reduced barometer, 30.14 7 a. m. 30.01 7 p. m.
River gage, 2.5 Feet
Relative humidity, 75 7 a. m. 47 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

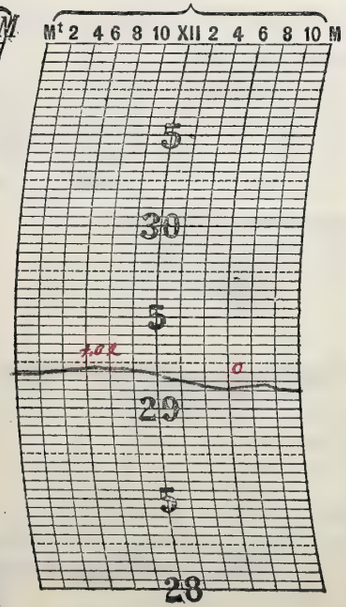
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 69.9
Dew-point, 48 R. humidity, 36 V. pressure, 33.4
Clouds: Amount, 5; Kind, Cu.; Direction, S.W.
Velocity of clouds (miles per hour)

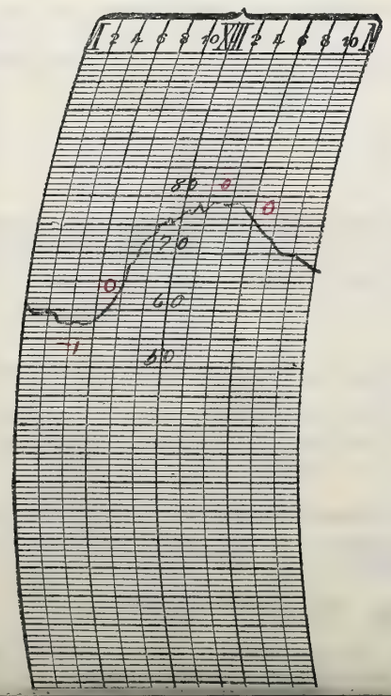
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light deposit of dew observed on ground at 6 a.m., observation. A partly cloudy day with moderate temperatures.

Prepared by

Verified by W. M. Donovan

Verified by C. M. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 29 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	69	68	65	64	65	64	62	67	69	72
State of weather: Nature of precipitation and time of beginning and ending			RB 2:15				RE 6:20	RB 7:50		RE 9:12		
Amounts of precipitation			T	T	.03	T	.01	T	.39	.02		
Cloudiness and other conditions	Cldy →					← Cloudy						
Sunrise: Time, Character,	5:04 Cloudy											
Moonrise:	12:48p Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.7	1.0
Wind direction	SW	SW	SW	SW	SW	SE	SE	SE	SE	S	S	S
Wind movement	11	10	13	12	8	4	3	3	7	8	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	77	76	75	74	73	72	70	69	67	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			← Cloudy					→				
Sunset: Time, Character,									6:19 Cloudy			
Moonset:									11:03p			
Sunshine (in tenths of hours)	1.0	1.0	0	0	0	0	0					
Wind direction	S	S	E	E	E	E	E	E	E	E	E	E
Wind movement	6	4	6	7	6	7	7	6	6	7	5	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	64	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., .41 ins.

Total precipitation, midnight to midnight, .45 inches.

Character of day, Cloudy Moon phase, F.Q. 5:55 a.m.

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.0 Possible sunshine, hours, 13.2

Per cent of possible sunshine, 30

Prevailing wind direction, E Total wind 167

Average hourly velocity, 7.0 Extreme velocity, 16

Maximum velocity, 14 Direction, SW

Time began, 2:15 6 a.m.

Reduced barometer, 30.04 7 a. m. 30.02 7, p. m.

River gage, 2.5 Feet.

Relative humidity, 82 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

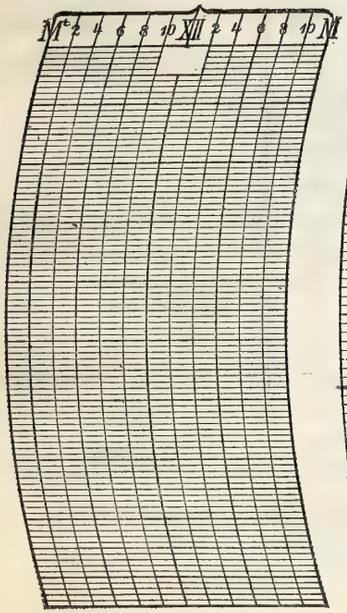
Dry temperature, 71.7 Wet temperature, 65.8

Dew-point, 63 R. humidity, 73 V. pressure, .575

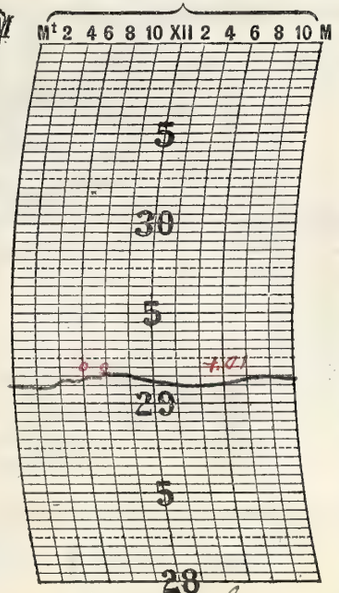
Clouds: Amount, 8; Kind, Cu.; Direction, NW

Velocity of clouds (miles per hour)

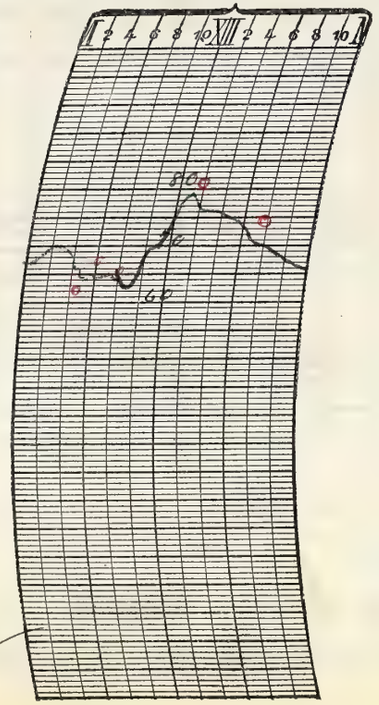
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm accompanied by light rain began at 2:15 a.m. and ended at 6:20 a.m.

A thunderstorm of moderate intensity, accompanied by light rain and moving from the northwest began at 7:52 a.m. and ended at 9:12 a.m.

A cloudy day with moderate temperatures.

Prepared by

Verified by C. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 30 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	62	61	61	61	63	67	70	72	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy + Pt. Cloudy					
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	1.0	1.0
Wind direction	E	E	E	NE	NE	NE	NE	E	E	E	E	E
Wind movement	6	5	5	10	10	8	8	10	10	8	7	7

Sunrise: Time, 5:05 Character, Cloudy
Moonrise: 1:45p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	77	78	77	75	74	71	69	67	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	E	E	SE	NE	E	E	E	E	E	E	E	E
Wind movement	7	5	5	6	5	5	6	7	9	9	7	5

Sunset: Time, 6:17 Character, Cloudy
Moonset: 11:52p

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

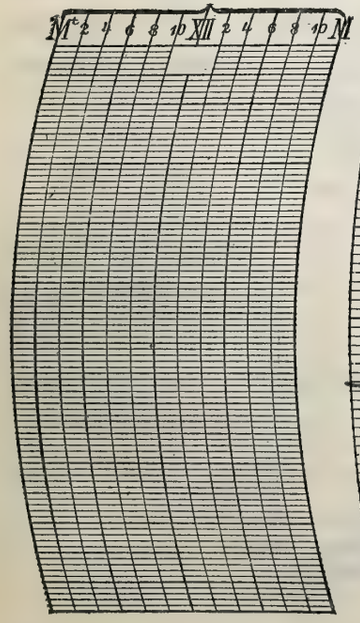
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.3 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 70
Prevailing wind direction, E Total wind 170
Average hourly velocity, 7.1 Extreme velocity, 23
Maximum velocity, 13 Direction, E
Time began, 7:46 a.m.
Reduced barometer, 30.10 7 a. m. 30.03 7, p. m.
River gage, 2.5 Feet
Relative humidity, 92 7 a. m. 67 7 p. m.

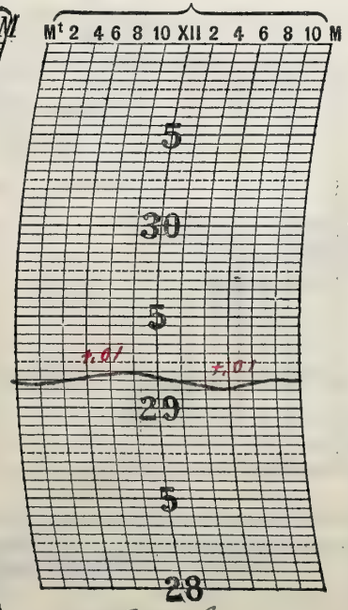
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.0 Wet temperature, 65.0
Dew-point, 60 R. humidity, 62 V. pressure, .517
Clouds: Amount, 5; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

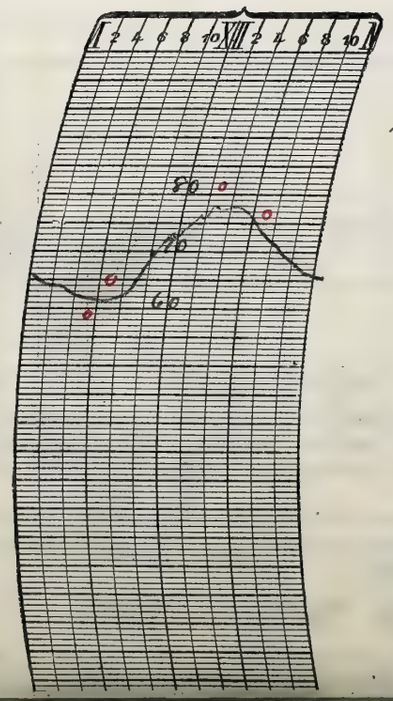
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy deposit of dew on ground at a.m. observation.
A pretty cloudy day with moderate temperatures

Prepared by CCS
Verified by P. McDonough

FORM NO. 1014 REV.

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 31 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	62	61	62	63	66	70	73	76	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, 5:07 Character, Cloudy												
Moonrise: 2:37p Clear												
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	E	E	E	E	E	E	E	E	E	E
Wind movement	4	5	4	3	3	2	4	4	5	6	6	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	82	81	81	79	78	76	74	73	71	69	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunset: Time, 6:16 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	0	0					
Wind direction	SE	SE	SE	SE	E	E	SE	SE	SE	SE	SE	SE
Wind movement	6	8	6	8	7	7	5	6	6	6	5	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	61	72	✓

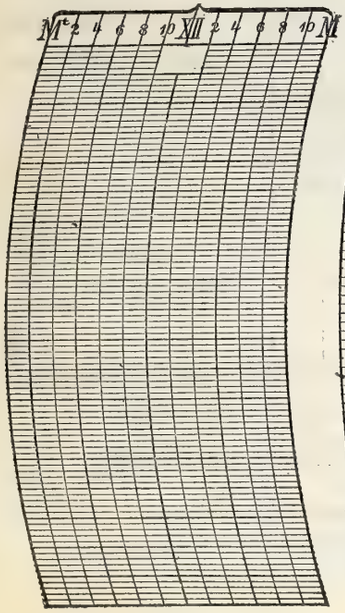
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.7 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 73
Prevailing wind direction, E-SE Total wind 128
Average hourly velocity, 5.3 Extreme velocity, 11
Maximum velocity, 11 Direction, E.
Time began, 3:00 p.m.
Reduced barometer, 30.10 7 a. m. 30.01 7 p. m.
River gage, 2.4 fall
Relative humidity, 83 7 a. m. 57 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

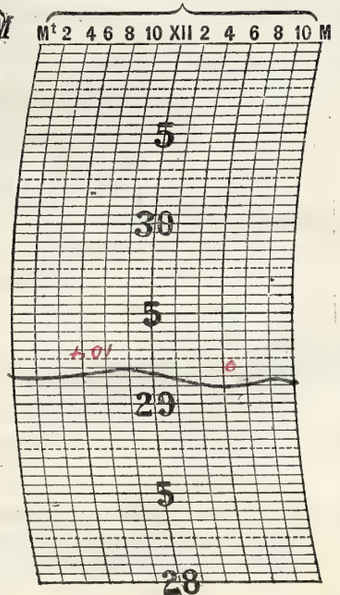
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.9 Wet temperature, 67.0
Dew-point, 61 R. humidity, 57 V. pressure, .536
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

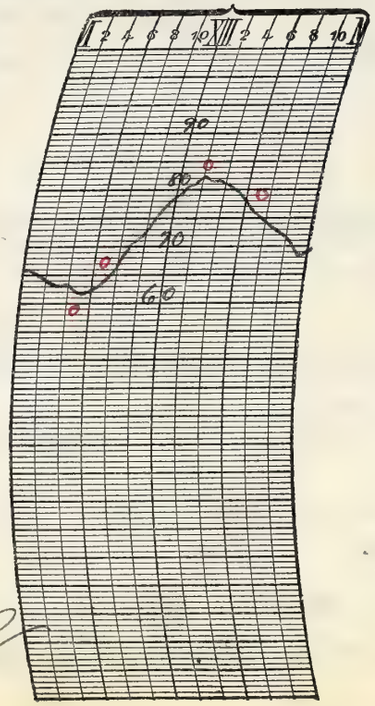
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with moderate temperatures.

Prepared by CCS

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP - 1 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	67	68	68	68	70	71	76	81	85	87	89	89	90	89	89	87	85	83	74	73	73	73
Nature of precipitation and time of beginning and ending							RB 6:53	RE 7:40														RB 9:55	RE 10:20	RB 10:28
Amounts of precipitation							T	.08														T	.03	T
Cloudiness and other conditions	Clear						Cloudy			Pt. Cldy			Pt. Cloudy			Clear			Pt. Cloudy			Cloudy		

Sunrise: Time, 5:08 Character, Cloudy
Moonrise: 3:43p Clear
Sunset: Time, 6:14 Character, Cloudy
Moonset: 12:45a Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0					
Wind direction	SE	SE	SE	SE	S	S	S	E	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SE	SE	S	S
Wind movement	4	3	3	5	5	5	6	3	5	9	13	17	17	18	18	17	15	13	9	6	8	7	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	66	78	

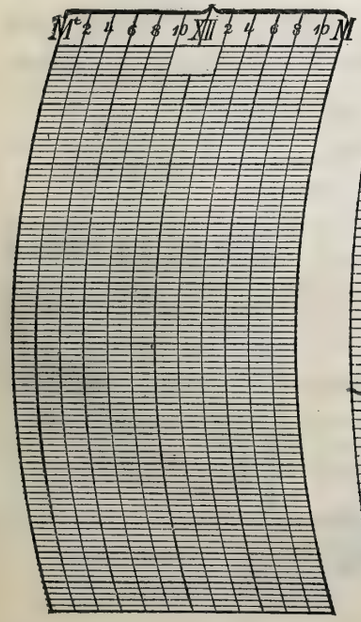
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.1 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 69
Prevailing wind direction, SW Total wind 220
Average hourly velocity, 9.2 Extreme velocity, 24
Maximum velocity, 29 Direction, SW
Time began, 1:18 p.m.
Reduced barometer, 29.99 7 a. m. 29.85 7 p. m.
River gage, 2.4 Feet
Relative humidity, 82 7 a. m. 57 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

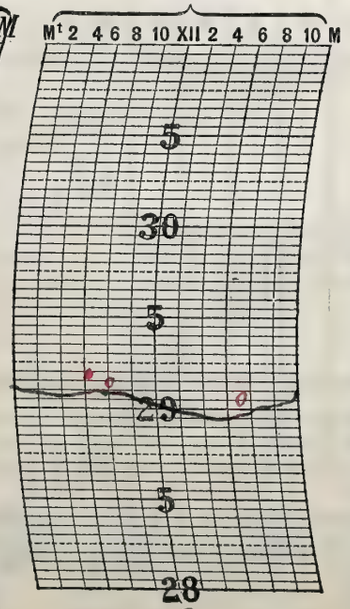
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.8 Wet temperature, 72.3
Dew-point, 66 R. humidity, 50 V. pressure, .638
Clouds: Amount, 2 2; Kind, Ac Cu; Direction, NW SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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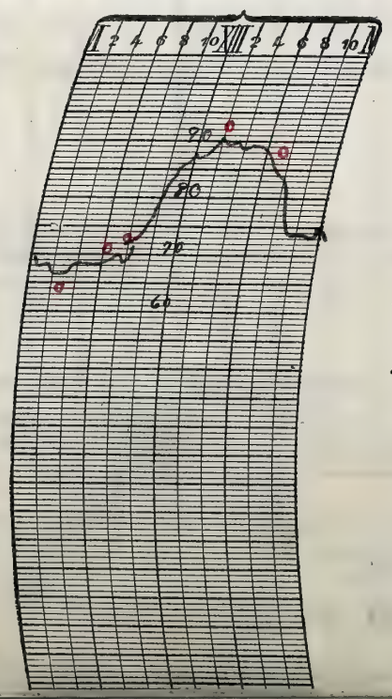


NOTES.

A thunderstorm of light intensity began at 7:01 a.m. and ended at 7:40 a.m. The storm moved from the west and was accompanied by a light shower.

A light thunderstorm accompanied by light precipitation moving from the northwest began at 9:55 p.m. and continued beyond midnight.

A partly cloudy and hot day.

Prepared by
Verified by P. M. Donovan

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) SEP - 2 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	74	74	74	73	74	76	79	80	83	85	87	88	92	93	92	89	88	84	80	78	76	74
	RE DNA																				RB 8:14 RE 8:45			
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T																				T			
Cloudiness and other conditions						Clear		Pt Cldy		Cloudy		Pt Cloudy			Pt Cloudy					Cloudy				
Sunshine (in tenths of hours)						.85 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.9	0.3	0					
Wind direction	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	S	N	SW	NW	E
Wind movement	6	8	13	14	15	16	18	18	18	15	14	12	10	10	10	10	13	9	5	6	7	5	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:09 Character, Clear
Moonrise: 4:04 P.
Sunset: Time, 6:12 Character, Cloudy
Moonset: 1:40 a

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

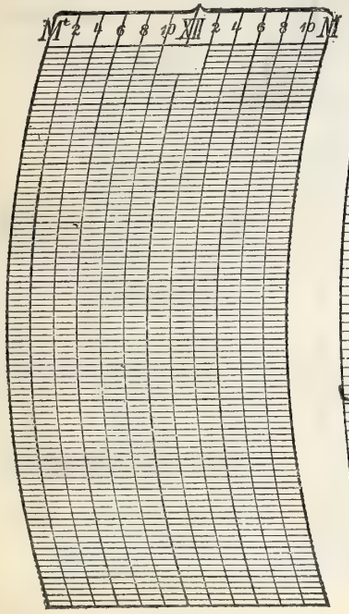
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	70	82	

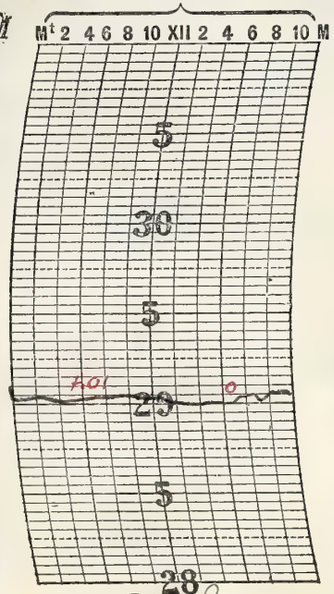
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.8 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 91
Prevailing wind direction, SW Total wind 264
Average hourly velocity, 11.0 Extreme velocity, 24
Maximum velocity, 23 Direction, SW.
Time began, 7:23 a.m.
Reduced barometer, 29.95 7 a. m. 29.90 7 p. m.
River gage, 2.4 Feet
Relative humidity, 81 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 85.2 Wet temperature, 75.0
Dew-point, 71 R. humidity, 62 V. pressure, .757
Clouds: Amount, 4; Kind, AST; Direction, NW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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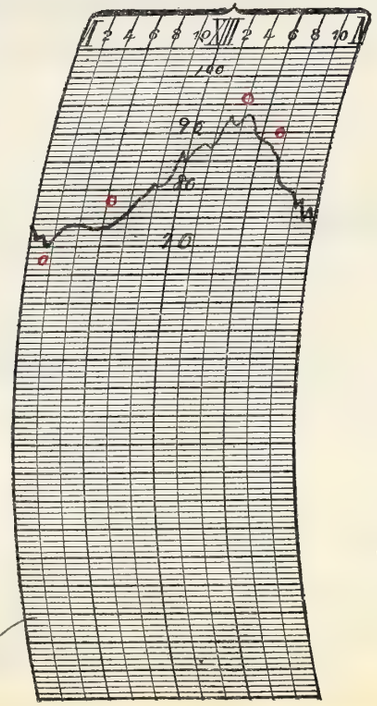


NOTES.

The thunderstorm which began on the night of the 1st ended. W.M.A.
A partly cloudy and hot oppressive day.
A light thunderstorm morning from the northwest began at 8:10 pm and ended at 11:00 p.m.

Prepared by CCS
Verified by O. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP - 3 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	72	72	72	71	73	72	76	79	81	83
State of weather: Nature of precipitation and time of beginning and ending									RB 8:15 RE 8:25			
Amounts of precipitation									T			
Cloudiness and other conditions					← Cloudy			→		Pt. Cloudy		
Sunrise: Time, 5:10 Character, Cloudy												
Moonrise: 4:41 p Cloudy												
Sunshine (in tenths of hours)						0	0	0	0.3	1.0	1.0	1.0
Wind direction	E	S	SW	SW	SW	S	S	S	SW	SW	SW	W
Wind movement	4	8	4	4	1	3	3	4	8	13	12	12
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	86	87	87	88	84	83	79	77	74	72	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—		Pt. Cloudy									→
Sunset: Time, 6:11 Character, Cloudy												
Moonset: 2:37 a —												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	SW	W	W	W	NW	NW	NW	N	N	N	E	NE
Wind movement	12	12	12	9	7	4	3	4	6	6	6	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	71	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 8.2 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 63

Prevailing wind direction, SW. Total wind 162

Average hourly velocity, 6.8 Extreme velocity, 19

Maximum velocity, 18 Direction, SW.

Time began, 9:17 a.m.

Reduced barometer, 30.04 7 a. m. 30.00 7 p. m.

River gage, 2.4 Feet

Relative humidity, 89 7 a. m. 58 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

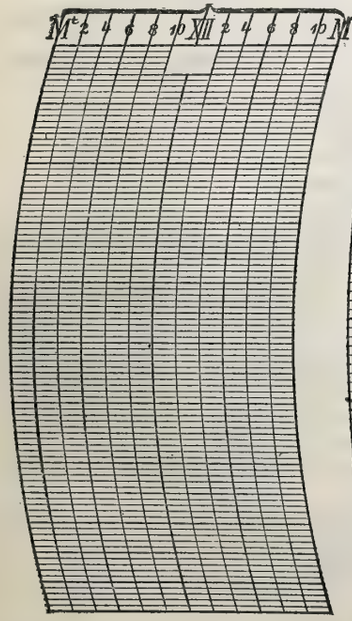
Dry temperature, 83.0 Wet temperature, 73.0

Dew-point, 62 R. humidity, 62 V. pressure, 20.7

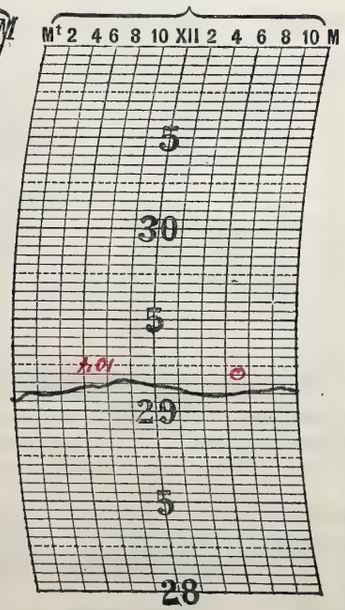
Clouds: Amount, 6; Kind, Cu; Direction, W.

Velocity of clouds (miles per hour)

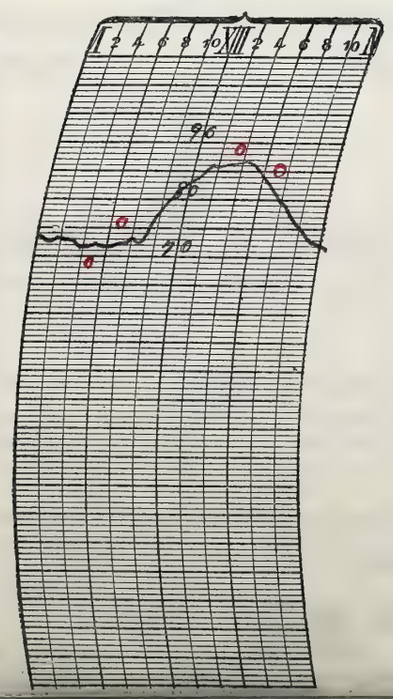
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy weather prevailed in the early morning, but the day was generally partly cloudy and very muggy; the late evening was clear with bright moonlight.

Prepared by P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP -4 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	69	69	68	67	67	68	68	70	78	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Foggy		Cloudy			Clear
Sunshine (in tenths of hours)						0	0	0	0	0.1	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	3	5	7	4	3	4	6	5	7	6	4	6
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 5:41 Character, Foggy
Moonrise: 5:15 p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	87	87	88	85	83	80	77	76	76	74	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	E	SE	SE	E	S	E	E	E	E	SE	SE	SE
Wind movement	6	5	4	3	4	4	4	5	3	3	3	4

Sunset: Time, 6:09 Character, Cloudy
Moonset: 3:34 a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	67	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.3 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 56
Prevailing wind direction, NE Total wind 108
Average hourly velocity, 4.5 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 8:57 a.m.
Reduced barometer, 30.07 7 a. m. 30.00 7 p. m.
River gage, 2.5 Feet
Relative humidity, 97 7 a. m. 60 7 p. m.

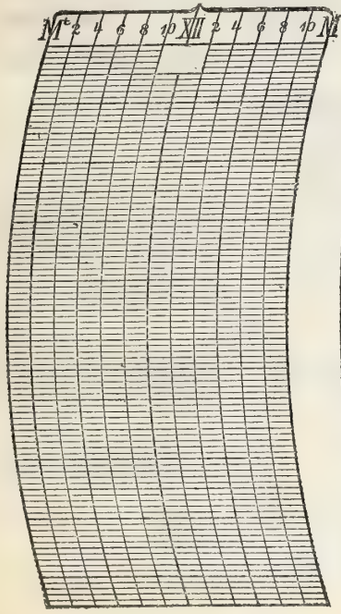
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

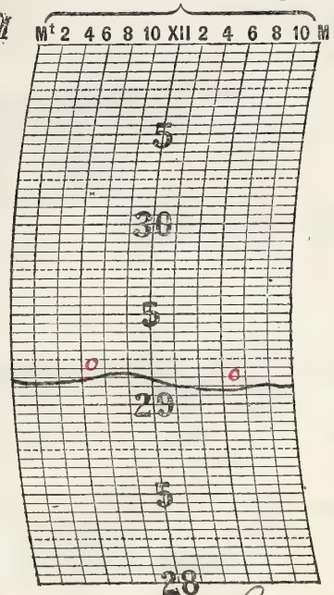
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.4 Wet temperature, 72.4
Dew-point, 69 R. humidity, 68 V. pressure, .707
Clouds: Amount, 1; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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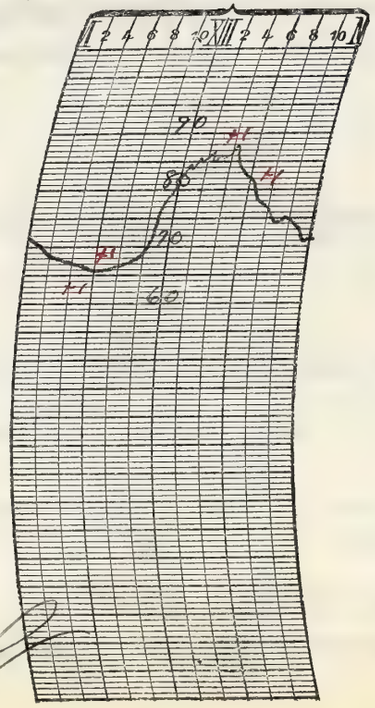


NOTES.

Dense fog began — 7:00 a.m.
Dense fog ended — 8:00 a.m.
Slt. Fog began — 8:00 a.m.
Slt. Fog ended — 8:30 a.m.
Fog prevailed until 8:30 a.m., but the weather was generally clear after 8:45 a.m., with bright moonlight at night. High day temperature continued.

Prepared by CCS
Verified by J. M. Dunough

8—486

Form No. 1011 Rev. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 5 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	71	70	70	69	70	71	78	83	86	89	92
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunrise: Time, Character,	5:11 Clear											
Moonrise:	5:46p Clear											
Sunshine (in tenths of hours)						.82 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	2	2	3	4	3	2	2	5	6	8	6	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	93	94	94	93	92	88	86	83	80	78	74	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear →									
Sunset: Time, Character,									6:08 Clear			
Moonset:									4:30a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.13 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	9	10	8	9	9	7	7	7	6	8	8	7
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
95	69	82	

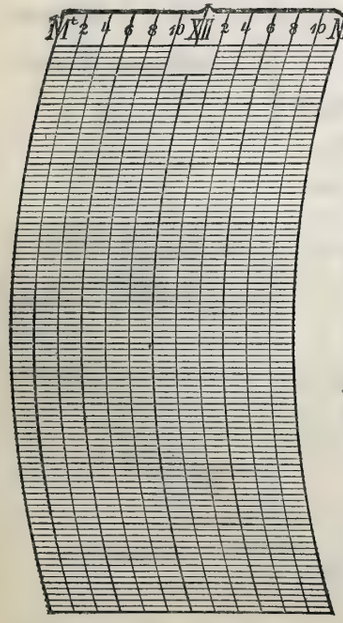
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind 144
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 2:00 p.m.
Reduced barometer, 30.05 7 a. m. 29.96 7 p. m.
River gage, 2.7 Feet
Relative humidity, 85 7 a. m. 39 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

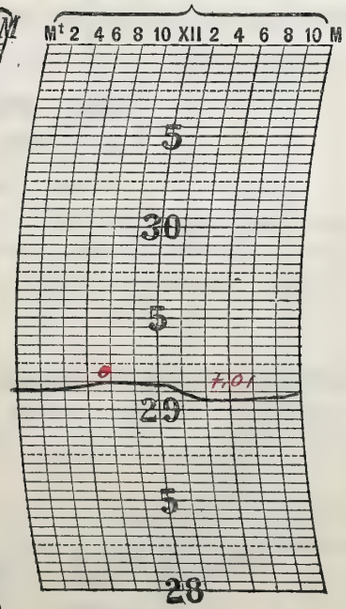
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 90.8 Wet temperature, 70.8
Dew-point, 61 R. humidity, 37 V. pressure, .536
Clouds: Amount, Few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

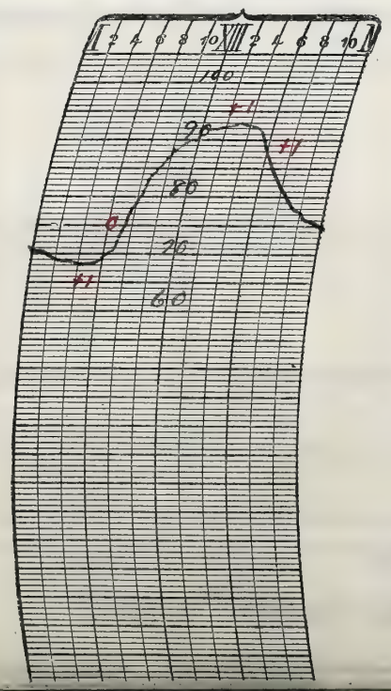
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The heat wave continued and the day while generally clear was hot and muggy.

Prepared by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 6 1922, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	72	72	70	70	71	73	80	85	89	91	92	94	94	95	94	93	89	87	83	81	79	77	77
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear						Clear									→
Sunrise: Time, Character,	5:12 Clear																							
Moonrise:	6:16p Clear																							
Sunset: Time, Character,																					6:06 Cloudy			
Moonset:																					5:27a Clear			
Sunshine (in tenths of hours)						.80 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0					
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW
Wind movement	8	7	7	8	9	8	7	9	10	12	13	15	13	11	12	9	8	7	8	7	7	7	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

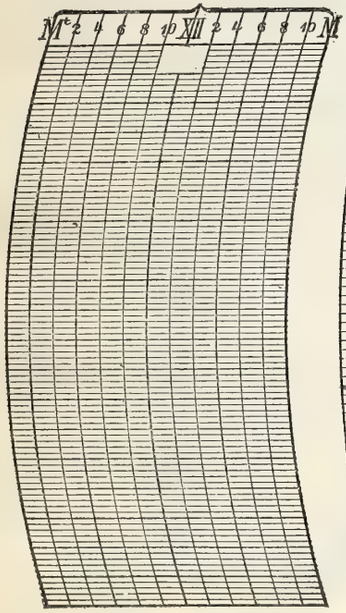
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
95	70	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full 1:47 a.m.
Average daily cloudiness (0-10), Fair.
Actual sunshine, hours, 12.1 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 94
Prevailing wind direction, SW Total wind 217
Average hourly velocity, 9.0 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 10:20 a.m.
Reduced barometer, 30.01 7 a. m. 29.94 7 p. m.
River gage, 2.9 Feet
Relative humidity, 73 7 a. m. 37 7 p. m.

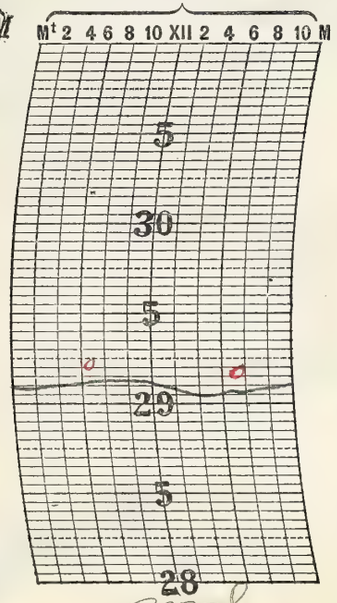
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 91.2 Wet temperature, 67.8
Dew-point, 55 R. humidity, 29 V. pressure, 432
Clouds: Amount, Few; Kind, Ast.; Direction, W.
Velocity of clouds (miles per hour)

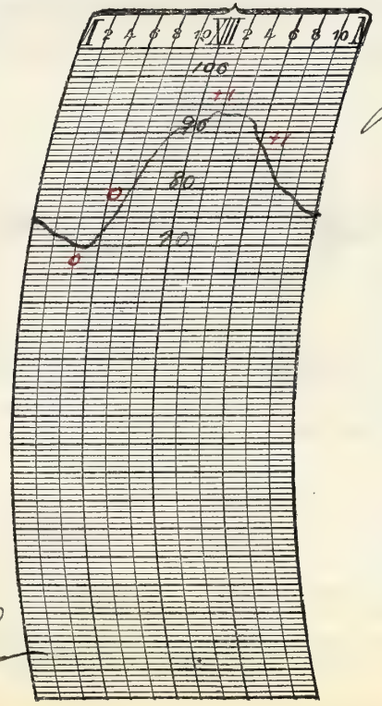
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

High day temperatures and generally ~~fair~~ clear weather prevailed today.

Prepared by

Verified by R. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 7 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	73	72	71	71	74	77	81	83	85	89
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←			Clear			
Sunshine (in tenths of hours)						.98 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	S	SW	SW	NE	NE	NE	NE
Wind movement	6	6	8	7	7	6	4	6	6	3	5	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	91	91	92	91	88	86	86	82	79	78	76	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			→
Sunshine (in tenths of hours)	1.0	1.0	0.8	1.0	0.7	0	0					
Wind direction	NE	NE	SE	SE	E	E	E	S	S	S	S	S
Wind movement	5	7	5	6	8	5	7	9	7	3	3	5

Sunrise: Time, 5:13; Character, Clear. Moonrise: 6:45p Clear.

Sunset: Time, 6:04; Character, Cloudy. Moonset: 6:13a Clear.

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	71	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.3. Possible sunshine, hours, 12.8
Per cent of possible sunshine, 88
Prevailing wind direction, SW. Total wind 140
Average hourly velocity, 5.8. Extreme velocity, 11
Maximum velocity, 11. Direction, S
Time began, 8:03 p.m.
Reduced barometer, 30.05 7 a. m. 30.11 7 p. m.
River gage, 3.2 Feet.
Relative humidity, 64 7 a. m. 44 7 p. m.

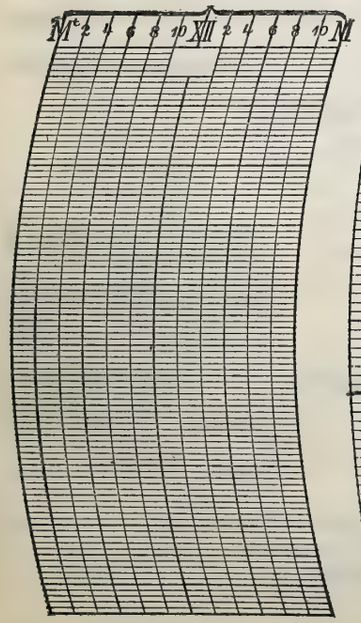
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

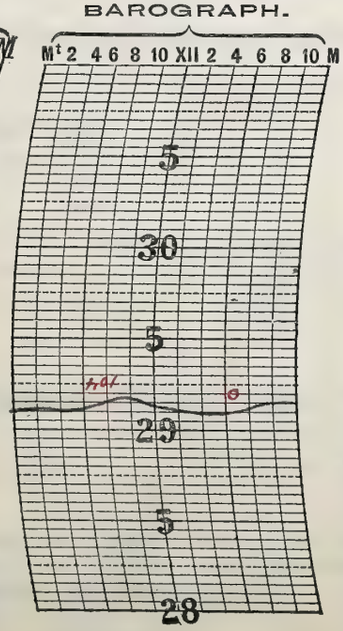
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 71.0
Dew-point, 62 R. humidity, 42 V. pressure, .555
Clouds: Amount, 1; Kind, Cst; Direction, E
Velocity of clouds (miles per hour)

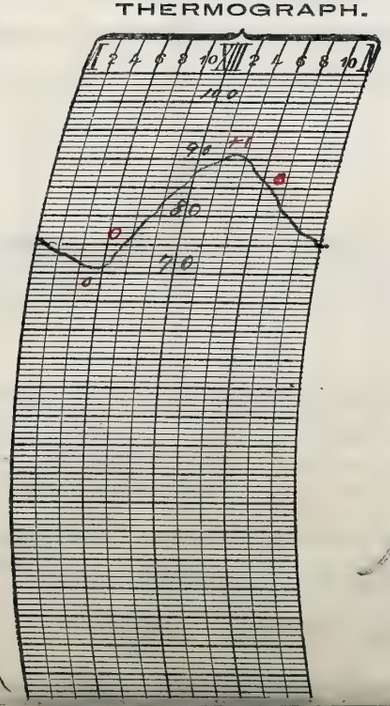
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The heat wave continued today, though the maximum temperature was slightly below that of the last two days. The weather was generally clear with bright moonlight at night.

Prepared by P. McMahon

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 8 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	73	72	71	71	73	80	86	89	92	93	95	95	95	94	92	77	84	82	81	81	80	78
State of weather: Nature of precipitation and time of beginning and ending																HB 3:47 RE 3:52		RB 5:40	RE 6:37					
Amounts of precipitation																T		.09	.17					
Cloudiness and other conditions						← Clear							→ Pt. Cloudy					→ Cloudy						
Sunrise: Time, Character,	5:14 Clear																				Sunset: Time, Character,	6:03 Cloudy		
Moonrise:	7:14p Cloudy																				Moonset:	7:19a Clear		
Sunshine (in tenths of hours)						.77 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	0	0					
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SE	S	S	S	S	S
Wind movement	7	4	3	4	6	3	5	8	11	12	11	12	10	11	10	9	8	10	5	5	6	12	12	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

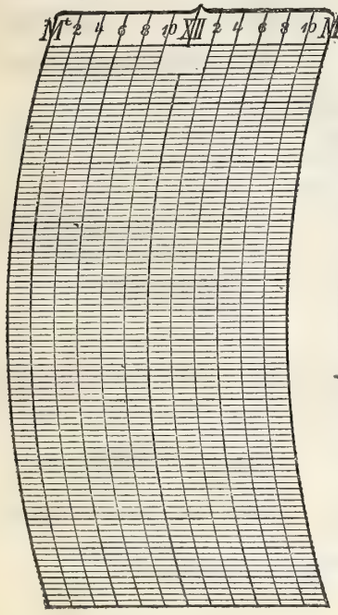
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
96	71	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .26 ins.
Total precipitation, midnight to midnight, .26 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.7 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 84
Prevailing wind direction, S Total wind 192
Average hourly velocity, 8.0 Extreme velocity, 28
Maximum velocity, 27 Direction, SW
Time began, 5:45 p.m.
Reduced barometer, 30.11 7 a. m. 30.05 7, p. m.
River gage, 3.0 Feet
Relative humidity, 68 7 a. m. 69 7 p. m.

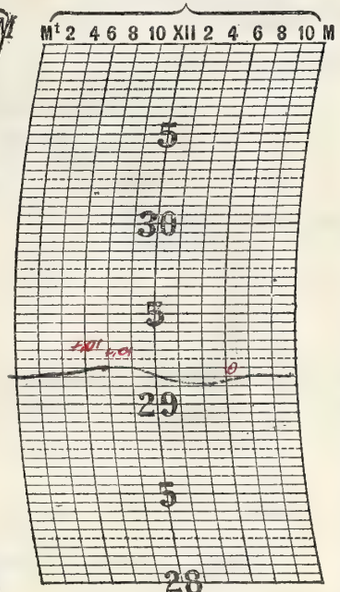
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 92.2 Wet temperature, 75.3
Dew-point, 68 R. humidity, 45 V. pressure, 6.84
Clouds: Amount, 3; Kind, Cu.; Direction, W.
Velocity of clouds (miles per hour)

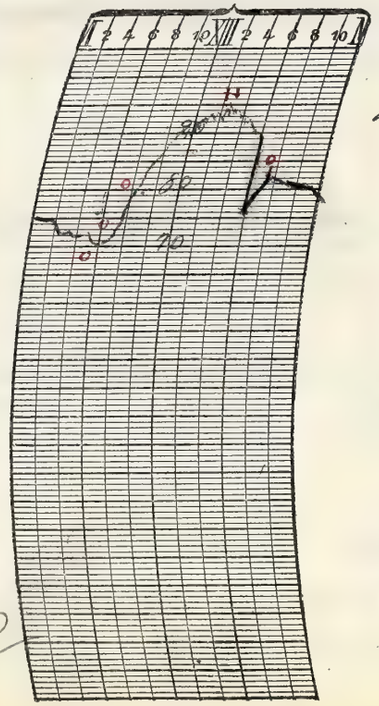
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light thunderstorm, moving from the northwest accompanied by light precipitation began at 5:40 p.m. and ended at 6:37 p.m.

A clear and hot day; the maximum temperature being the highest recorded to date this year.

Prepared by C.O.S.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 9 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	77	76	76	76	75	76	78	80	85	89	90
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy		× Pt. Cloudy		× Clear		
Sunshine (in tenths of hours)						0	0	0.3	0.6	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	11	11	11	13	11	11	8	8	11	12	13

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	91	90	89	86	85	84	81	78	76	75	75	73
State of weather: Nature of precipitation and time of beginning and ending											RB 10:50 HE 10:52	RB HE DHP
Amounts of precipitation											T	.01
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	0.7	0.7	0.5	0	0					
Wind direction	SW	SW	SW	NW	NW	NW	NE	E	E	SE	E	S
Wind movement	15	14	12	12	7	3	6	6	6	2	3	8

Sunrise: Time, 5:15 Character, Cloudy
Moonrise: 7:44p Cloudy
Sunset: Time, 6:01 Character, Cloudy
Moonset: 8:15a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	73	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 7.8 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind 223
Average hourly velocity, 9.2 Extreme velocity, 26
Maximum velocity, 19 Direction, SW
Time began, 12:02 p.m.
Reduced barometer, 30.12 7 a. m. 30.05 7 p. m.
River gage, 2.7 Feet
Relative humidity, 58 7 a. m. 62 7 p. m.

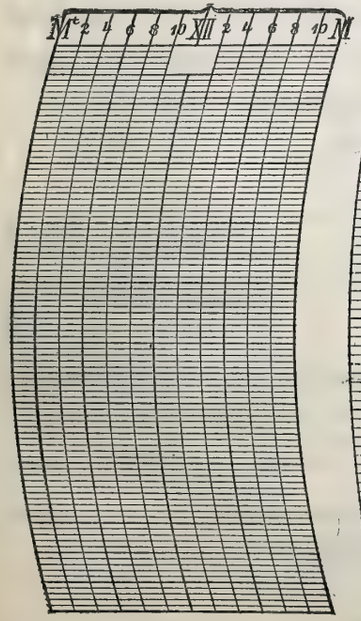
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

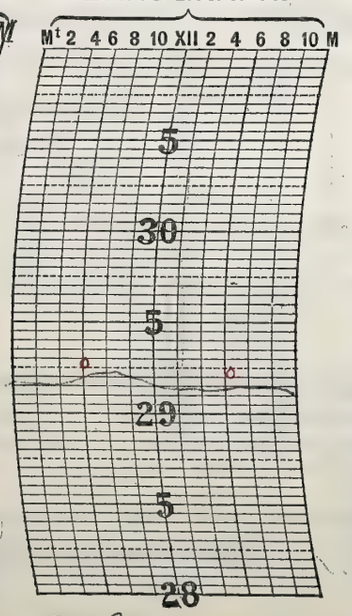
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 89.0 Wet temperature, 71.3
Dew-point, 63 R. humidity, 42 V. pressure, .575
Clouds: Amount, 6; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

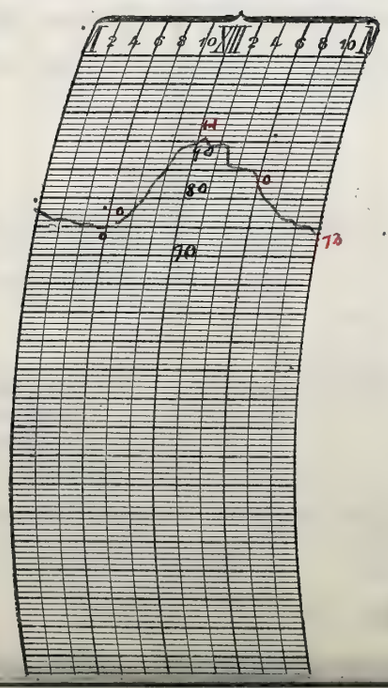
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fair day, cloudy at times with continued high temperatures.
A light thunderstorm began at 11:00 p.m. and continued after midnight this date.

Prepared by P. McA.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 10 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	75	75	75	75	75	77	79	80	82	84	85	86	76	74	75	72	67	63	62	59	59	59
State of weather. Nature of precipitation and time of beginning and ending															RB 2:40	RE 4:00		RB 5:58						
Amounts of precipitation															T	.02		T	.03	.04	.08	.26	.13	.14
Cloudiness and other conditions						← Pt. Cldy →		Clear		→ Pt Cldy →		Clear →	Pt. Cldy →			Cloudy								
	Sunrise: Time, 5:16 Character, Cloudy. Moonrise: 8:16 p Cloudy																				Sunset: Time, 5:59 Character, Cloudy. Moonset: 9:12 a Cloudy			
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0.3	0						
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	N	N	N	N	NE	N	N	N	N
Wind movement	6	7	12	14	13	13	12	11	16	15	17	14	11	9	11	4	4	9	11	12	7	15	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	59	72	

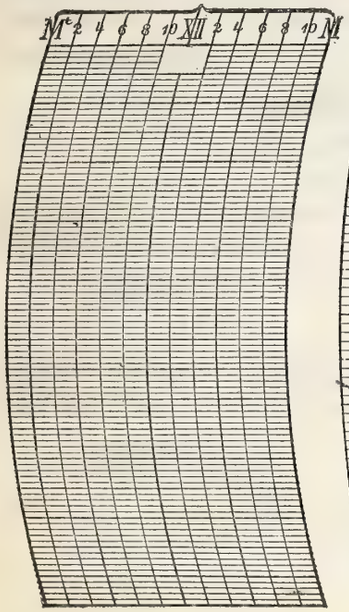
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .38 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.8 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 54
Prevailing wind direction, SW Total wind 261
Average hourly velocity, 10.9 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 8:47 a.m.
Reduced barometer, 29.95 7 a. m. 29.89 7, p. m.
River gage, 2.5 Feet
Relative humidity, 66 7 a. m. 80 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

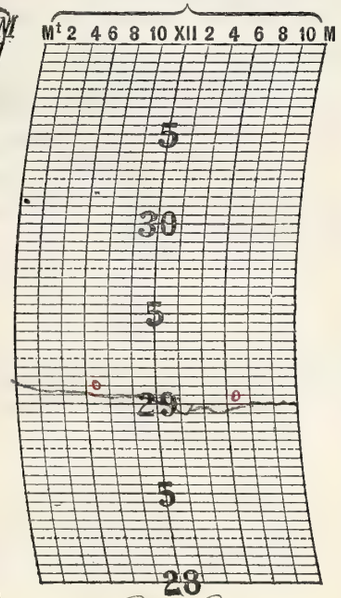
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.0 Wet temperature, 69.4
Dew-point, 62 R. humidity, 48 V. pressure, .555
Clouds: Amount, 3; Kind, Cu.; Direction, SW
Velocity of clouds (miles per hour)

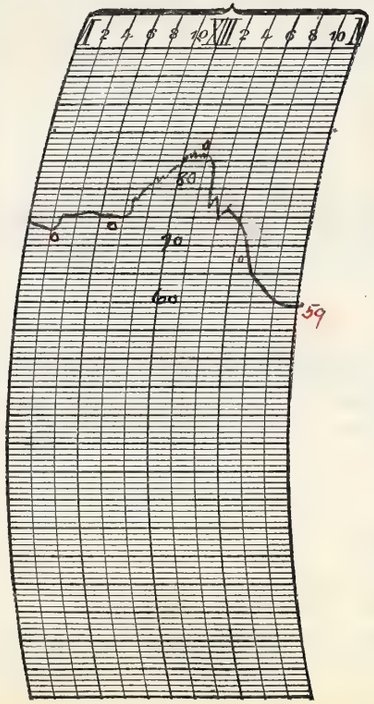
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light thunderstorm which commenced on the 9th ended, 0.10 a.

A thunderstorm moving from the southwest, accompanied by a light shower began at 2:40 p.m. and ended at 4:00 p.m.

A partly cloudy day with moderately high temperatures.

A thunderstorm of moderate intensity, accompanied by light rain began at 6:40 p.m. and ended during the night p.m.

Prepared by
Verified by P. M. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 11 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	58	58	58	56	57	57	58	59	61	63	66	67	69	68	66	62	61	58	56	55	54	53
State of weather: Nature of precipitation and time of beginning and ending									RE 8:45															
Amounts of precipitation	.22	.10	.12	.03	.01	.02	.01	T	T															
Cloudiness and other conditions	← Cloudy												→ Pt. Cloudy →						← Clear →					

Sunrise: Time, 5:17; Character, Cloudy. Moonrise: 8:54 p; Clear.

Sunset: Time, 5:57; Character, Clear. Moonset: 10:08 a; Cloudy.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0.5	0.4	1.0	0.9	1.0	0.8	1.0	0.75 0.2						
Wind direction	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	8	8	7	9	9	10	9	7	9	11	10	9	10	10	12	12	13	10	9	9	6	7	7	5

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	53	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m. .116 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.51 inches.

Character of day, Pt. Cloudy; Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 6.6 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 52

Prevailing wind direction, NORTH Total wind 216

Average hourly velocity, 9.0 Extreme velocity, 17

Maximum velocity, 16 Direction, NW

Time began, 4:06 P.m.

Reduced barometer, 29.27 7 a. m. 30.04 7, p. m.

River gage, 2.8 Feet

Relative humidity, 95 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

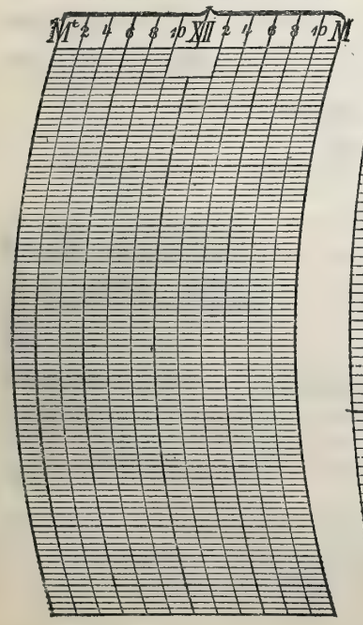
Dry temperature, 62.8 Wet temperature, 57.3

Dew-point, 54 R. humidity, 72 V. pressure, 417

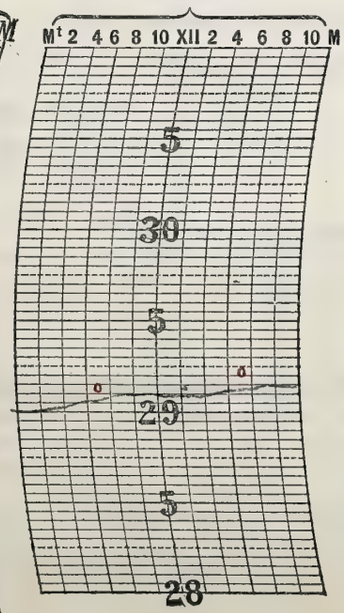
Clouds: Amount, 7; Kind, St Cu; Direction, NW.

Velocity of clouds (miles per hour)

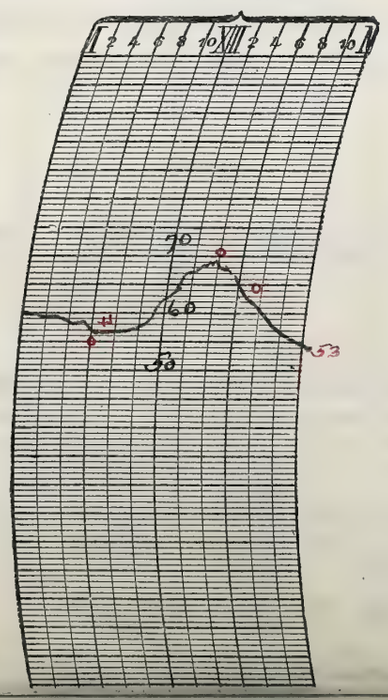
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The rain continued from the 10th ended 8:43 am. Clouds began to break up on noon, the weather being generally clear after 4:30 pm. Moonlight in the late night. Day moderately cool which was a great relief from the abnormally high temperatures of the preceding several days.

Prepared by } P. McDonough

Verified by:

Form No. 1011-Mon.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 12 1922, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	51	51	50	50	50	57	61	62	66	68	69	71	71	71	70	68	66	65	63	62	60	60
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←						Clear														→
	Sunrise: Time, 5:19 Character, Clear																				Sunset: Time, 5:56 Character, Clear			
	Moonrise: 9:31 p Clear																				Moonset: 11:05 a Clear			
Sunshine (in tenths of hours)						0.68 0	0.4 0.6	1.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.83 0.1						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	4	5	4	2	2	4	3	3	2	3	4	5	7	7	9	9	10	7	4	3	7	7	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

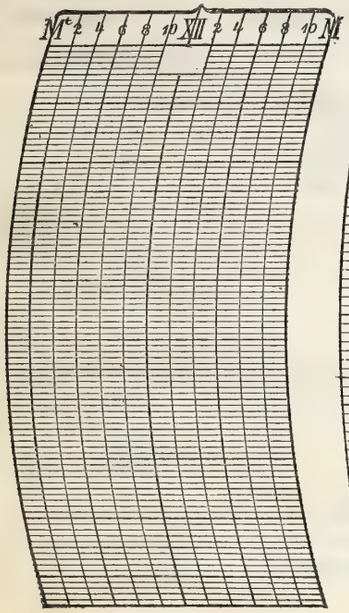
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	49	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.1 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 96
Prevailing wind direction, NW Total wind 128
Average hourly velocity, 5.3 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 3:05 p.m.
Reduced barometer, 30.12 7 a. m. 30.02 7 p. m.
River gage, 2.9 feet
Relative humidity, 93 7 a. m. 62 7 p. m.

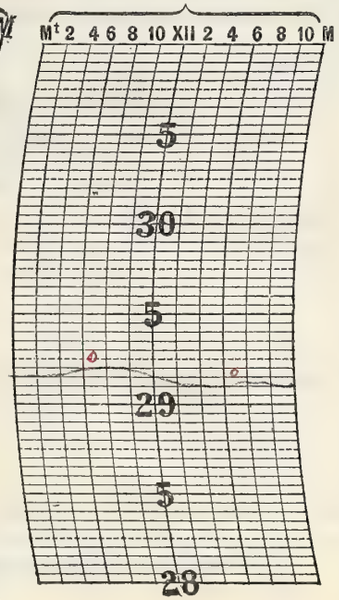
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.1 Wet temperature, 55.1
Dew-point, 44 R. humidity, 43 V. pressure, .287
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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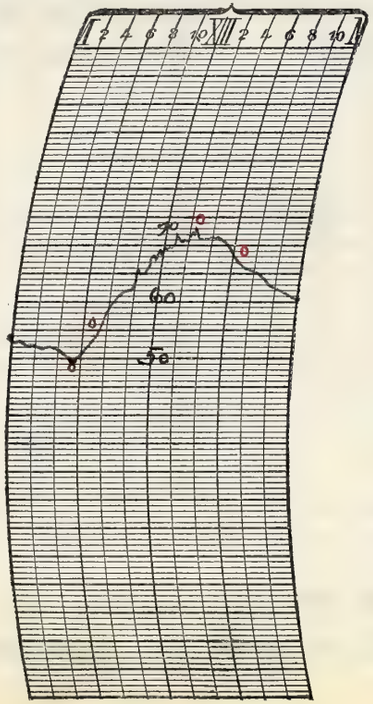


NOTES.

There was a heavy deposit of dew at the a. m. observation. The weather was generally pleasant and invigorating.

Prepared by
Verified by } P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 13 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	58	58	57	57	58	65	71	73	75	78	79	80	80	81	78	77	75	68	68	70	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear					X	—	Pt. Cloudy					X	Cloudy	>				
Sunshine (in tenths of hours)						0.67 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	S	E	E	S	SW	SW
Wind movement	10	11	10	12	10	9	7	6	5	6	10	12	13	14	16	13	10	6	5	4	2	4	7	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5.20; Character, Clear
Moonrise: 10:16 P. Cloudy (?)
Sunset: Time, 5.54; Character, Cloudy
Moonset: 12:01 P. Pt. Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

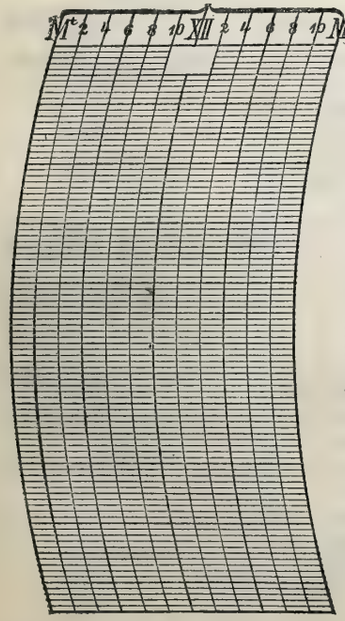
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.9 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 87
Prevailing wind direction, SW Total wind 206
Average hourly velocity, 8.6 Extreme velocity, 19
Maximum velocity, 18 Direction, SW
Time began, 1.58 P.M.
Reduced barometer, 30.05 7 a. m. 30.00 7 p. m.
River gage, 2.8 feet
Relative humidity, 82 7 a. m. 48 7 p. m.

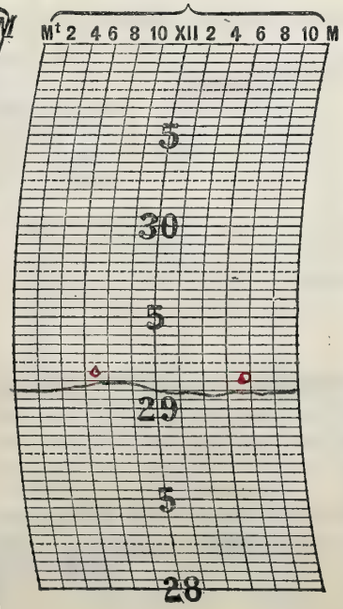
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.5 Wet temperature, 61.9
Dew-point, 53 R. humidity, 46 V. pressure, .402
Clouds: Amount {3 / 2}; Kind {ast / cu}; Direction {SW / W}
Velocity of clouds (miles per hour)

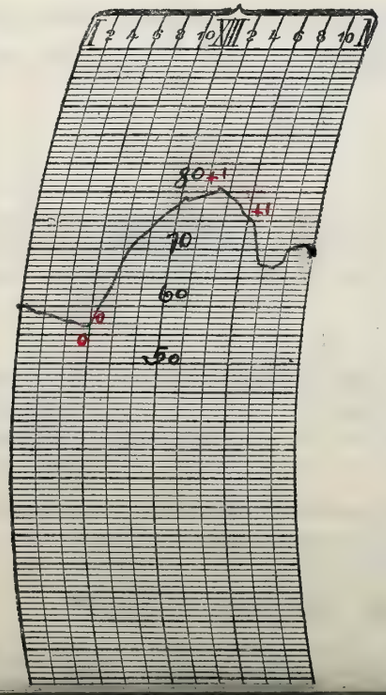
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing Cloudiness from the a. m. observation, day being partly Cloudy and evening and night mostly Cloudy. Rather invigorating in the morning and forenoon, but afternoon somewhat sultry, with a maximum temperature of 81°.

Prepared by
Verified by } P. McDonough

Form No. 1011—Mcy.

Verified by } F. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 14 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	58	58	59	62	72	75	78	81	83	85	86	86	85	83	80	78	76	73	71	69	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			(?)		Pt cloudy								Clear								?			
Sunrise: Time, Character,	521 Cloudy																							
Moonrise:	11:06p - - -																							
Sunset: Time, Character,																					552 Clear			
Moonset:																					12:56p Clear			
Sunshine (in tenths of hours)						0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 (0.3, 0.87)	0						
Wind direction	NE	NE	E	NE	E	E	E	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	NW
Wind movement	6	7	5	6	4	3	2	6	13	17	18	15	16	16	16	13	10	7	9	8	9	6	7	4
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	58	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, L.Q. 4:20 A.M.
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.6 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 85
Prevailing wind direction, SW Total wind 223
Average hourly velocity, 9.3 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 9:17 a.m.
Reduced barometer, 30.03 7 a. m. 29.97 7 p. m.
River gage, 2.7 feet
Relative humidity, 84 7 a. m. 46 7 p. m.

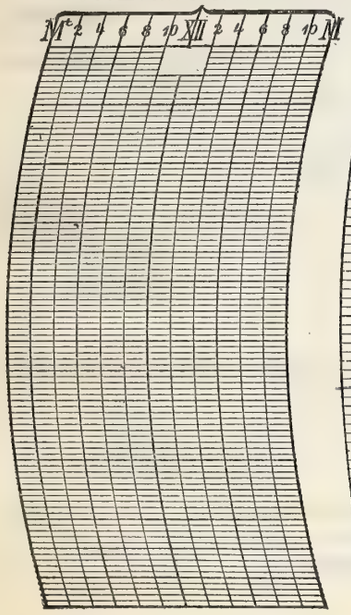
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

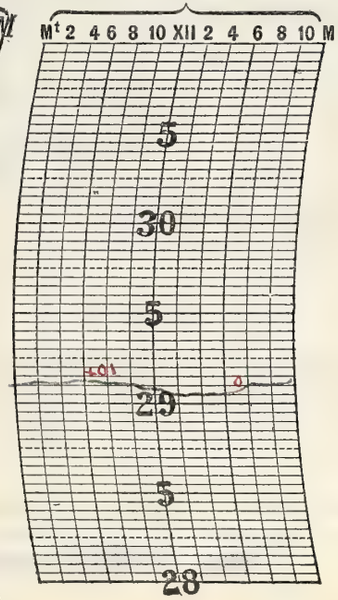
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.5 Wet temperature, 64.7
Dew-point, 55.5 R. humidity, 40 V. pressure, .432
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

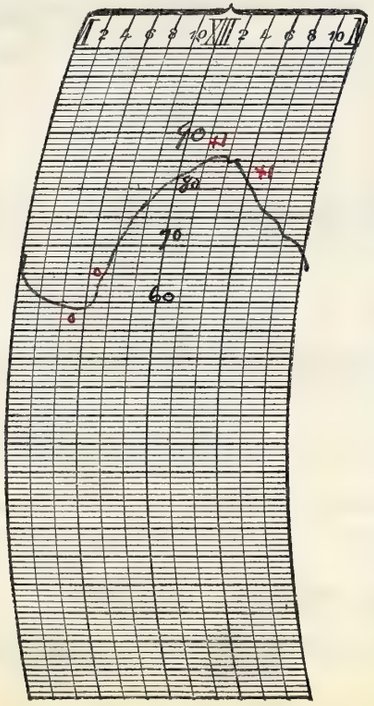
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly cloudy in the early morning, but character of day generally clear, with rising temperature, the late forenoon and afternoon being rather sultry.

Prepared by }
Verified by } F. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 15 1922, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	59	60	61	61	61	61	61	62	63	65	69	69	72	71	70	69	66	64	63	62	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						L — Cloudy —							X - Pt. Cloudy → L — Clear —											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.4	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	N	N	N	N	N	N	NE	NE	NE	N	N	N	X	N	N	N	N	N	N	N	N	N	N	N
Wind movement	7	6	7	6	7	7	7	7	5	5	6	6	6	5	6	6	5	5	5	5	4	6	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 521 Character, Cloudy
Moonrise: ---

Sunset: Time, 551 Character, Cloudy
Moonset: 1:49 P. Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

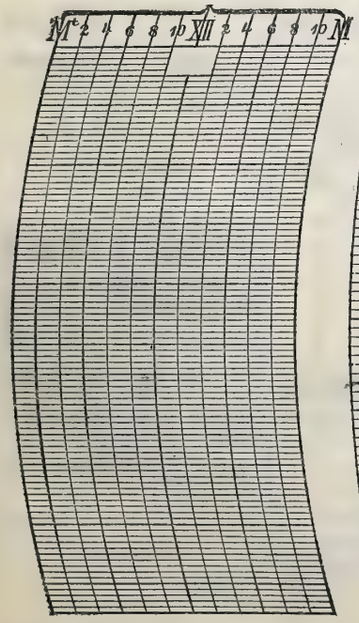
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	59	66	

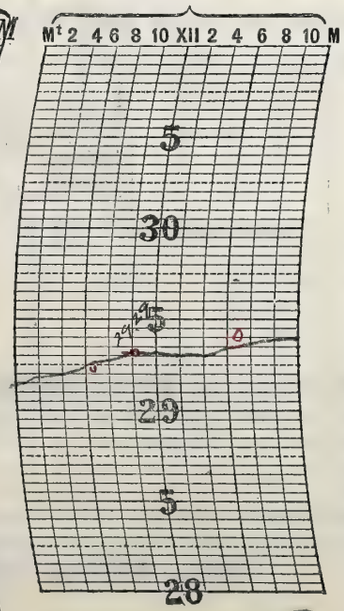
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.0 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 40
Prevailing wind direction, N. Total wind 139
Average hourly velocity, 5.8 Extreme velocity, 10
Maximum velocity, 10 Direction, N
Time began, 4:24 a. m.
Reduced barometer, 30.15 7 a. m. 30.24 7 p. m.
River gage, 2.9 feet
Relative humidity, 90 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 65.1 Wet temperature, 59.2
Dew-point, 55 R. humidity, 71 V. pressure, 432
Clouds: Amount, 9; Kind, St. Cu.; Direction, N
Velocity of clouds (miles per hour)

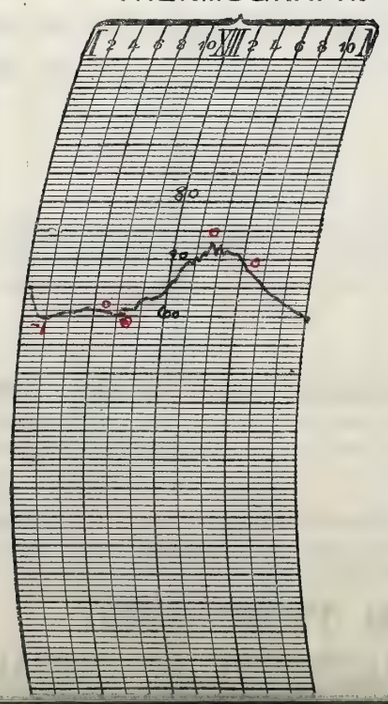
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cooler weather prevailed during the day. Decreasing cloudiness after 11 am., the afternoon being part cloudy to clear, and night-clear. Quite pleasant as a rule, but forenoon somewhat threatening.

Prepared by P. M. Donough
Verified by
Form No. 1011 Rev.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 16 1922, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	57	56	54	57	61	63	66	68	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			(?)		Clear				Pt. Cloudy			
Sunrise: Time, Character	5:22 Clear											
Moonrise:	12:04A Clear (?)											
Sunshine (in tenths of hours)						0.63 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	N	N
Wind movement	4	4	4	5	5	6	4	7	8	6	7	9
Maximum velocities (exceeding 27 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	66	64	62	60	59	55	54	53	51	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy				Pt. Cloudy		Clear (?)			
Sunrise: Time, Character										Sunset: Time, Character 5:49 Cloudy		
Moonrise:										Moonset: 2:38P Cloudy		
Sunshine (in tenths of hours)	1.0	0.9	0.5	0	0	0						
Wind direction	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	11	9	11	10	11	8	8	9	8	9	7
Maximum velocities (exceeding 27 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	50	60	

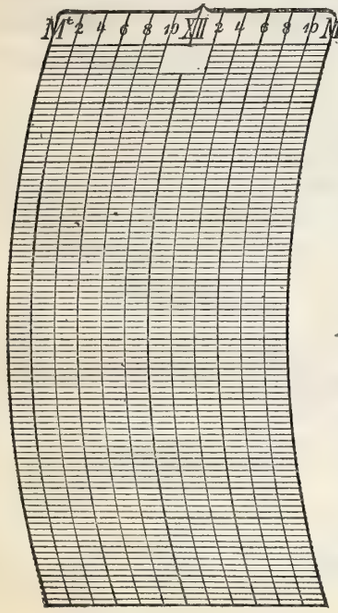
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 0 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.0 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 73
Prevailing wind direction, N Total wind 178
Average hourly velocity, 7.4 Extreme velocity, 15
Maximum velocity, 14 Direction, NE
Time began, 5:07 P.M.
Reduced barometer, 30.35 7 a. m. 30.37 7 p. m.
River gage, 2.8 fall
Relative humidity, 83 7 a. m. 71 7 p. m.

Excessive precipitation, accumulated amounts	Total duration From—	Total duration To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

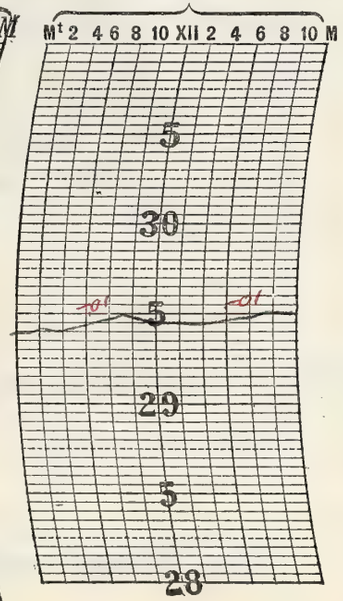
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.1 Wet temperature, 56.3
Dew-point, 48 R. humidity, 51 V. pressure, 33.4
Clouds: Amount, 8; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

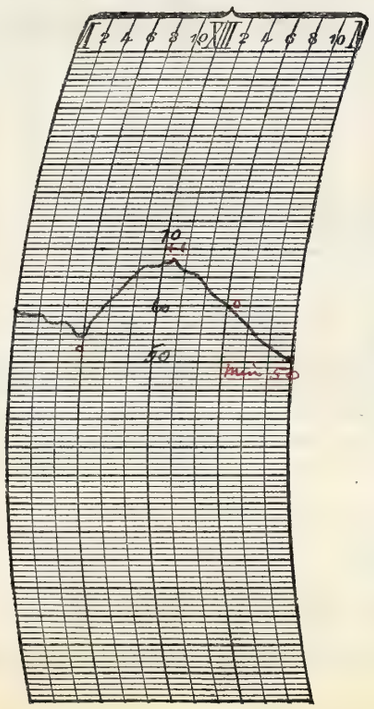
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light deposit of dew occurred in the a. m.

The day was partly cloudy and moderately cool, being rather unpleasantly cool at night.

Prepared by
Verified by J. P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 17 1922, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	45	45	45	48	52	57	58	60	61	62	64	63	62	60	58	56	53	51	50	49	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear →																		
Sunshine (in tenths of hours)						0.6 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2 0.8	0.7 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	6	8	8	9	10	10	10	11	12	12	10	10	10	10	11	10	10	8	6	6	6	6	5	6
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 5.23 Character, Clear
Moonrise: 1:07 A Clear (?)
Sunset: Time, 5.47 Character, Clear
Moonset: 3:24 P. Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

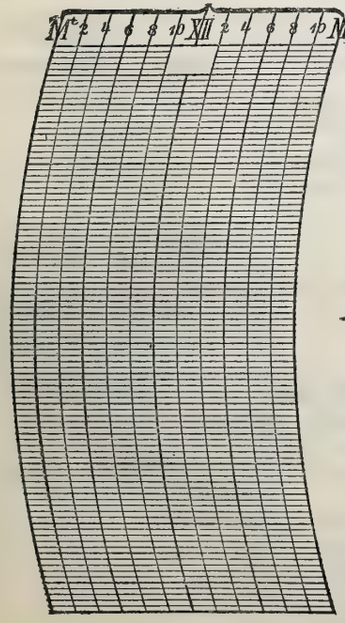
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	45	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 98
Prevailing wind direction, NE Total wind 210
Average hourly velocity, 8.8 Extreme velocity, 15
Maximum velocity, 14 Direction, NE
Time began, 9.15 am
Reduced barometer, 30.43 7 a. m. 30.30 7 p. m.
River gage, 2.6 feet
Relative humidity, 73 7 a. m. 62 7 p. m.

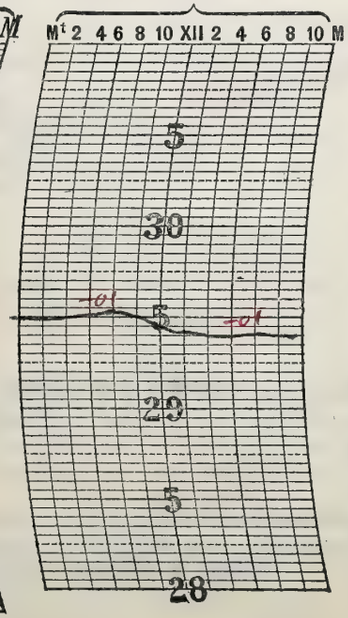
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 50.0
Dew-point, 41 R. humidity, 49 V. pressure, .256
Clouds: Amount, 3; Kind, Cu.; Direction, NE
Velocity of clouds (miles per hour)

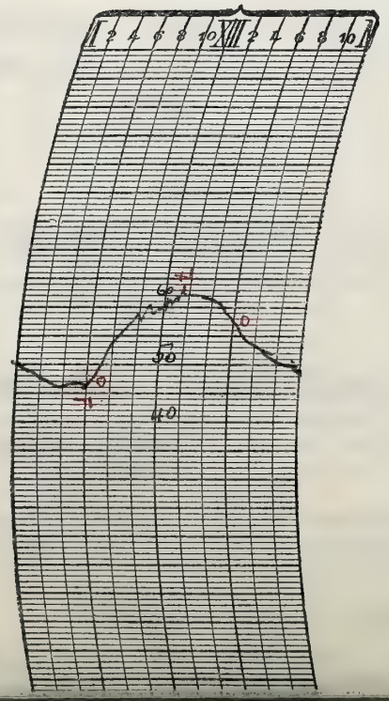
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was generally clear and invigorating.

Prepared by
Verified by } P. McDonough

Form No. 1014-Met.

Verified by
FORM NO. 1012—MCC 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 18 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	45	44	44	46	51	55	59	62	63	64	65	66	66	66	64	62	60	57	57	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear	X		—	Pt. Cloudy			—	X	—	Cloudy	—	X	Pt. Cloudy	(Clear)		(?)		
Sunshine (in tenths of hours)						0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.1	0						
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	6	6	6	7	6	6	6	7	6	6	6	7	7	6	6	4	5	3	5	6	9	6	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:24 Character, Cloudy
Moonrise: 2:15 A Clear (?)
Sunset: Time, 5:46 Character, Cloudy
Moonset: 4:08 P. Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

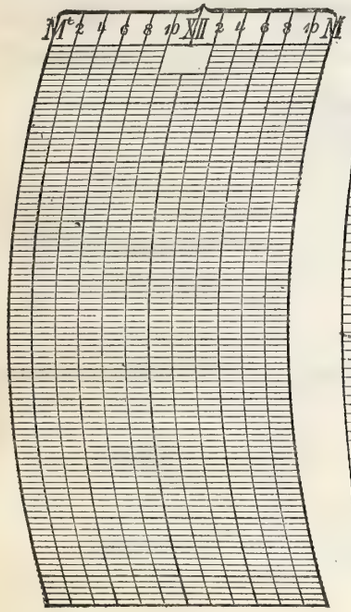
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	44	56	

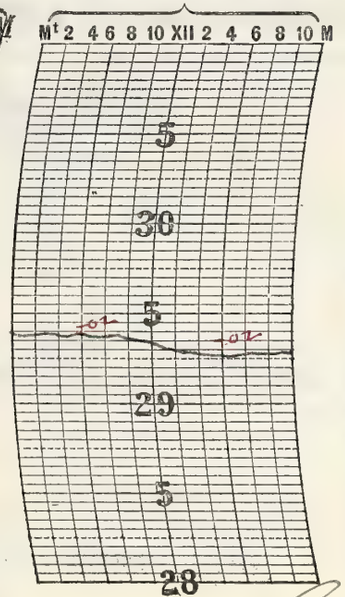
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.3 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 67
Prevailing wind direction, E. Total wind 140
Average hourly velocity, 5.8 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 8 P.M.
Reduced barometer, 30.26 7 a. m. 30.16 7 p. m.
River gage, 2.6 feet
Relative humidity, 82 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 63.1 Wet temperature, 52.6
Dew-point, 43 R. humidity, 49 V. pressure, .277
Clouds: Amount, 7; Kind, Cist; Direction, W
Velocity of clouds (miles per hour)

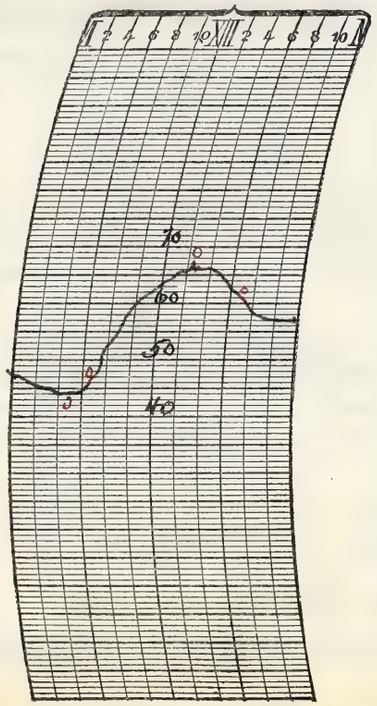
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Rising temperature, generally partly Cloudy, and pleasant weather.

Prepared by
Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 19 1922, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	56	56	56	56	57	59	60	60	62	62	62	61	60	60	59	59	58	58	58	58	58
State of weather: Nature of precipitation and time of beginning and ending			RB 4 E 8 N									RB 11:05 RE 11:20		RB 1:40	--	--	--	RE 5:50						
Amounts of precipitation			T									T		T	.03	.01	.01	.01						
Cloudiness and other conditions						1					Cloudy										7			

Sunrise: Time, 5:26; Character, Cloudy. Moonrise: 3:25 A; Cloudy (?)

Sunset: Time, 5:44; Character, Cloudy. Moonset: 4:48 P; Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.2	0	0	0	0	0	0						
Wind direction	E	E	E	E	NE	N	NE	NE	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	4	5	6	5	4	7	5	6	4	5	7	7	6	5	7	8	7	7	6	6	4	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

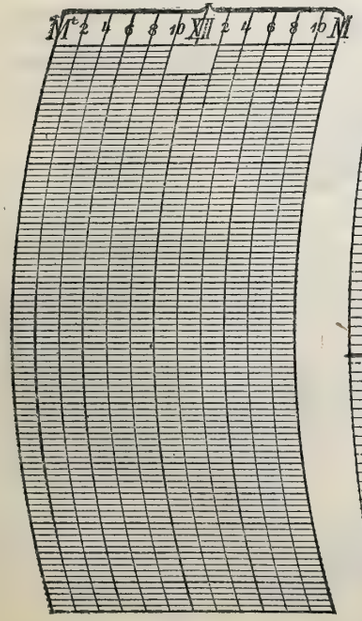
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	56	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, 0.06 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 2
Prevailing wind direction, NE Total wind 133
Average hourly velocity, 5.5 Extreme velocity, 16
Maximum velocity, 10 Direction, NE
Time began, 3:52 P.M.
Reduced barometer, 30.22 7 a. m. 30.12 7, p. m.
River gage, 2.5 feet
Relative humidity, 91 7 a. m. 89 7 p. m.

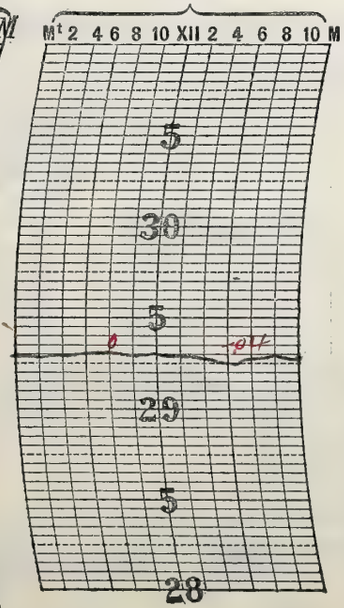
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 62.2 Wet temperature, 58.3
Dew-point, 55 R. humidity, 79 V. pressure, .432
Clouds: Amount, 9; Kind, cst; Direction, SW
Velocity of clouds (miles per hour)

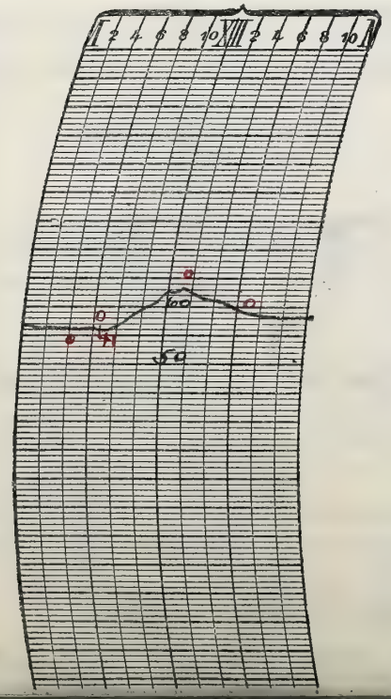
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was generally cloudy with light showers. It was rather unpleasant as a rule. The temperature ranged between 63° and 56°.

Prepared by
Verified by } C. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 20 1922, 192

Time (local standard) 90th mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	57	57	57	58	59	60	60	61	62	62	64	64	63	61	61	61	59	59	59	58	57
State of weather: Nature of precipitation and time of beginning and ending							R.B 6:38	RE 7:20																
Amounts of precipitation							T	T																
Cloudiness and other conditions					<	—	—	—	—	—	—	Cloudy	—	—	—	—	—	—	—	—	>			
Sunrise: Time, Character	5:27 Cloudy																							
Moonrise	4:39A Cloudy (?)																							
Sunset: Time, Character																					5:42 Cloudy			
Moonset																					527P Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	6	6	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	5	4	6	7	9	8	10	14	11	11	11	15	12	12	12	11	6	5	5	8	5	6	3
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	57	60	

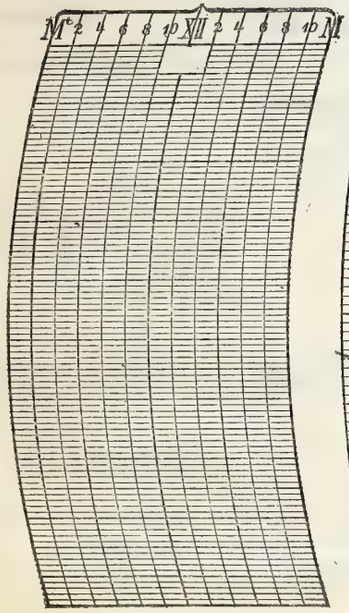
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, N.M. 10:38PM
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.0 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 8
Prevailing wind direction, NE Total wind 202
Average hourly velocity, 8.4 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 840 a.m.
Reduced barometer, 30.21 7 a. m. 30.19 7, p. m.
River gage, 2.4 feet
Relative humidity, 92 7 a. m. 73 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

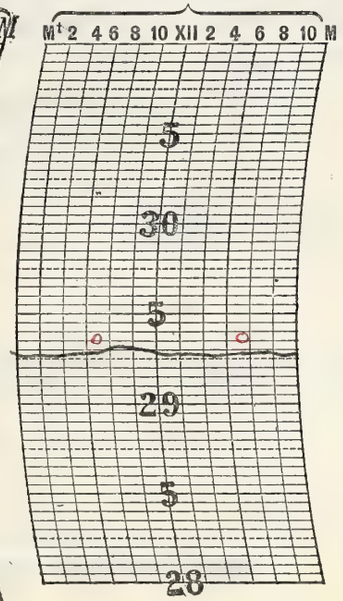
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.9 Wet temperature, 55.7
Dew-point, 52 R. humidity, 68 V. pressure, 387
Clouds: Amount, 9; Kind, ast; Direction, N.
Velocity of clouds (miles per hour)

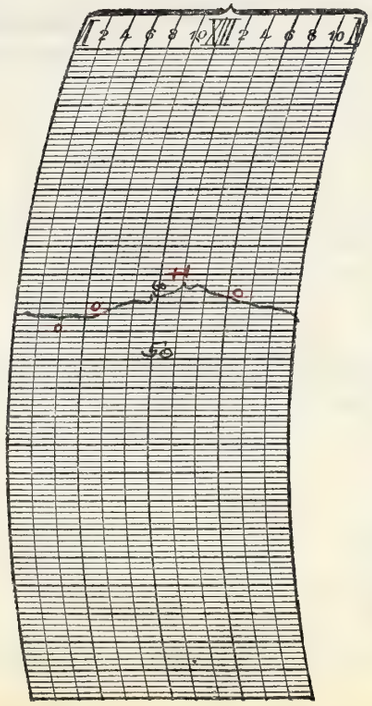
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy, threatening, and Cool weather.

Prepared by

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 21 1922, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	55	53	53	54	60	65	68	71	72	73	75	75	75	73	72	70	66	63	62	61	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunrise: Time, Character, 5:27 Clear																								
Moonrise: 5:54A Clear																								
Sunset: Time, Character, 5:41 Clear																								
Moonset: 6:06P. Clear																								
Sunshine (in tenths of hours)						0.55 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0.68 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	NE	NE	NE	NE	C	C	C
Wind movement	4	5	6	6	6	6	6	5	5	7	6	6	5	5	4	3	3	3	3	1	1	0	0	0
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	53	64	

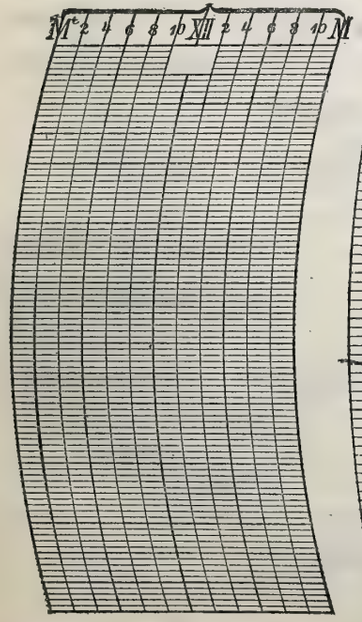
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 96
Average hourly velocity, 4.0 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 10:56 a.m.
Reduced barometer, 30.21 7 a. m. 30.12 7 p. m.
River gage, 2.4 feet
Relative humidity, 81 7 a. m. 56 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

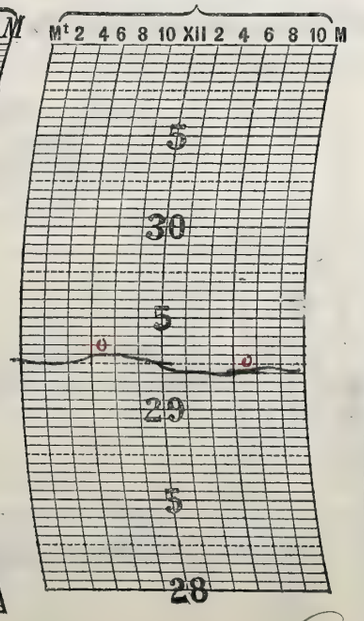
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.1 Wet temperature, 59.0
Dew-point, 51 R. humidity, 49 V. pressure, .373
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

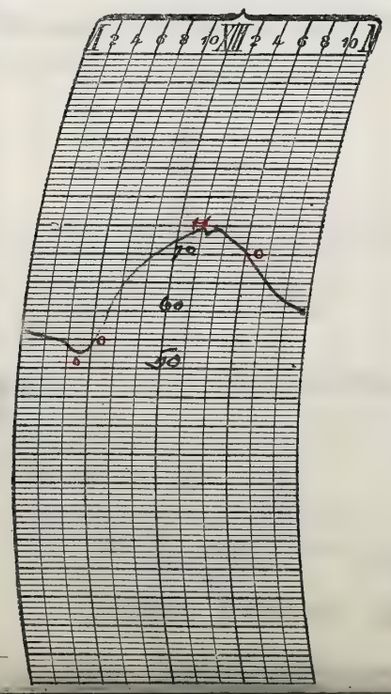
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear day with pleasant temperature.

Prepared by
Verified by } C. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 22 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	56	56	56	57	65	71	75	77	79	81	82	83	82	81	78	76	73	71	69	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear										→			
Sunshine (in tenths of hours)						0.53 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.65 0						
Wind direction	0	NE	0	0	0	NE	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	0	W	W
Wind movement	0	1	0	0	0	3	4	6	8	6	7	8	8	7	8	8	6	5	4	4	3	0	1	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:28 Character, Clear
Moonrise: 7:07 A Clear
Sunset: Time, 5:39 Character, Clear
Moonset: 6:45 P. Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

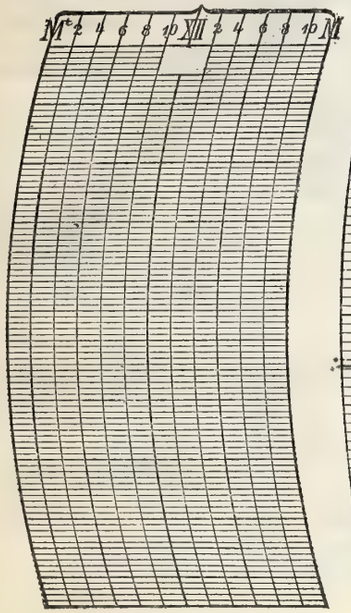
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	56	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind 101
Average hourly velocity, 4.2 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 11:31 a.m.
Reduced barometer, 30.14 7 a. m. 30.06 7 p. m.
River gage, 7.4 feet
Relative humidity, 84 7 a. m. 47 7 p. m.

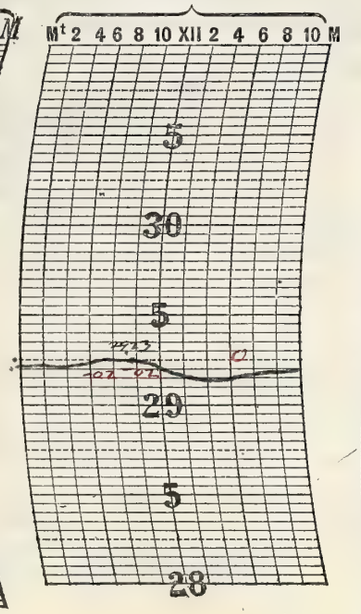
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.7 Wet temperature, 62.1
Dew-point, 52 R. humidity, 41 V. pressure, .387
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

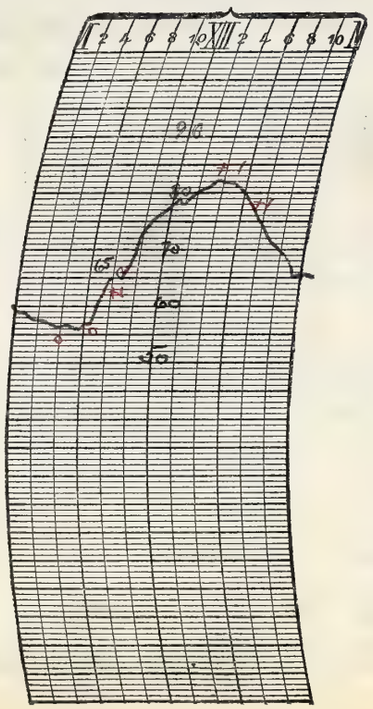
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear, pleasant weather
Heavy dew in the early morning.

Prepared by
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 23 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	62	62	61	61	61	68	75	80	83	84	84	85	85	84	81	78	76	73	71	69	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear													→
Sunshine (in tenths of hours)						0.52 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0.62 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	3	5	7	5	6	6	8	8	8	12	16	16	15	15	15	11	8	8	8	7	8	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:29 Character, Clear
Moonrise: 8:20 A Clear
Sunset: Time, 5:37 Character, Clear
Moonset: 7:26 P. Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

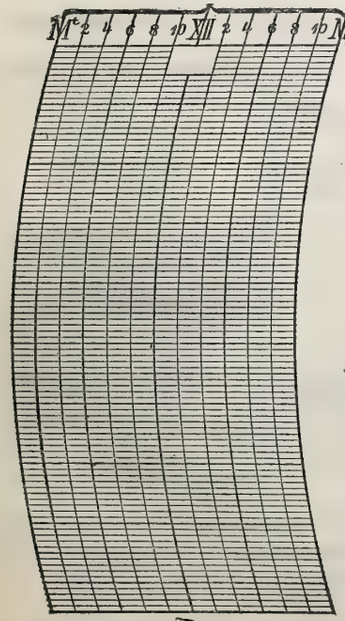
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.1 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 214
Average hourly velocity, 8.9 Extreme velocity, 21
Maximum velocity, 20 Direction, SW
Time began, 1:23 P.M.
Reduced barometer, 30.12 7 a. m. 30.00 7 p. m.
River gage, 2.3 feet
Relative humidity, 82 7 a. m. 45 7 p. m.

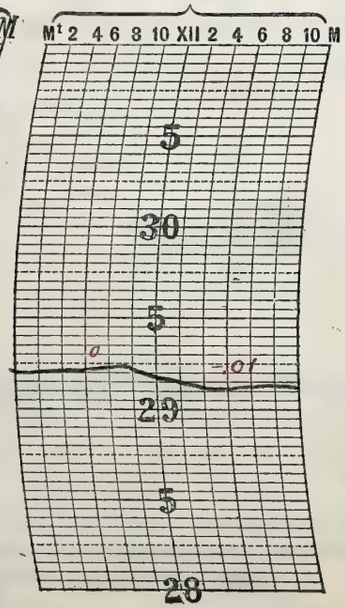
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.0 Wet temperature, 63.1
Dew-point, 50 R. humidity, 32 V. pressure, .360
Clouds: Amount, 1; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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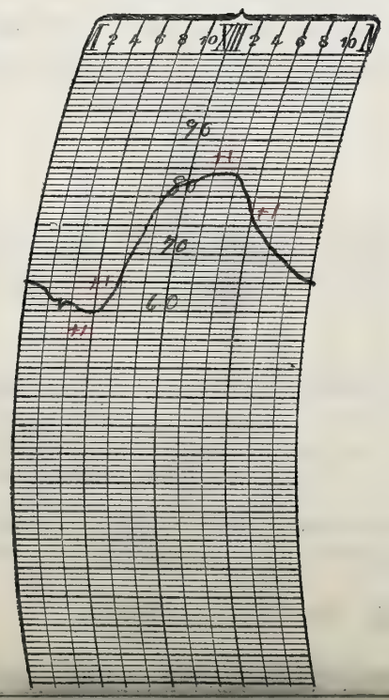


NOTES.

Clear and pleasant day.
Faint moonlight in early night.

Prepared by } P. McDonough
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 24 1922, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	62	62	64	64	64	66	67	69	70	71	72	71	69	67	63	60	56	54	52	50	49
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0	ϕ 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0						
Wind direction	SW	SW	SW	SW	SW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NE	NE	N	N	N
Wind movement	8	10	8	6	5	7	8	11	12	12	12	13	15	15	14	13	11	10	12	13	12	7	6	7
Maximum velocities (exceeding 29" miles) direction and time																								

Cloudy ← Clear →

Sunrise: Time, 5:30 Character, Cloudy
Moonrise: 9:30 A Clear

Sunset: Time, 5:36 Character, Clear
Moonset: 8:11 P. Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

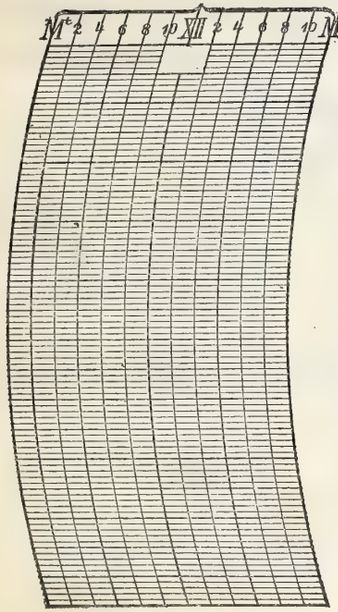
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	49	60	

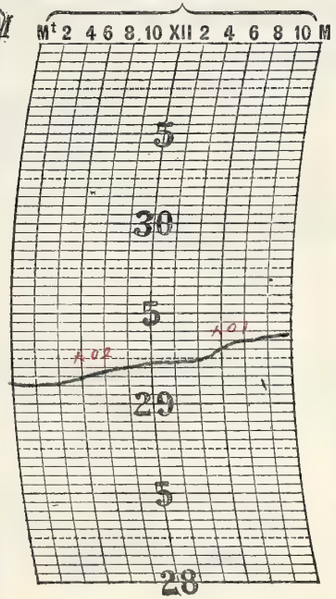
Total depth of snow for 24 hours ending ____ p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.1 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 92
Prevailing wind direction, N Total wind 247
Average hourly velocity, 10.3 Extreme velocity, 20
Maximum velocity, 19 Direction, N
Time began, 12:36 P.M.
Reduced barometer, 30.04 7 a. m. 30.21 7, p. m.
River gage, 2.2 feet
Relative humidity, 66 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 69.7 Wet temperature, 53.2
Dew-point, 38 R. humidity, 32 V. pressure, .228
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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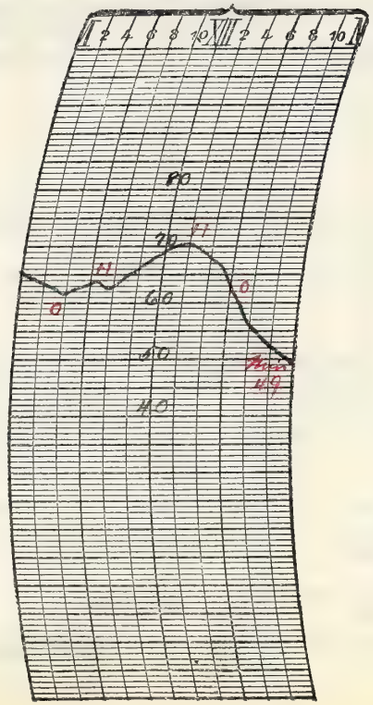


Prepared by
Verified by } C. McDonough

8—486

ϕ from eye observation.

NOTES.

Cloudy in the early morning, but the clouds broke up quickly before the a.m. observation. Day and night - Clear, with moonlight in the evening. Moderate day temperature but night cool.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 25 1922, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	45	44	43	43	45	50	53	58	59	62	63	64	64	65	64	62	59	56	54	51	49	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0.48 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.5 0						
Wind direction	NE	NE	N	N	NE	N	NE	NE	NE	NE	N	NE	NE	N	NE	N	NE	NE	NE	NE	NE	E	E	E
Wind movement	6	5	3	5	6	7	4	6	6	4	5	6	7	6	7	6	6	6	4	5	6	7	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Clear

Sunrise: Time, 5.31 Character, Clear
Moonrise: 10.36 A Clear

Sunset: Time, 5.34 Character, Clear
Moonset: 8.57 P. Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

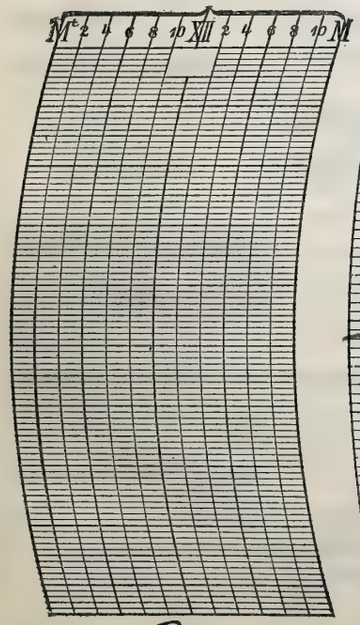
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	42	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 138
Average hourly velocity, 5.8 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 2.46 p.m.
Reduced barometer, 30.37 7 a. m. 30.33 7, p. m.
River gage, 2.2 feet
Relative humidity, 81 7 a. m. 40 7 p. m.

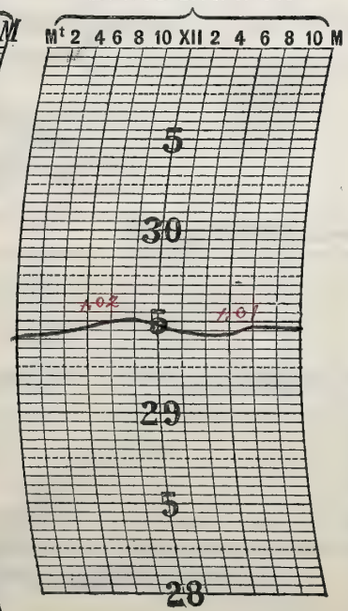
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.1 Wet temperature, 47.9
Dew-point, 35 R. humidity, 39 V. pressure, 203
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

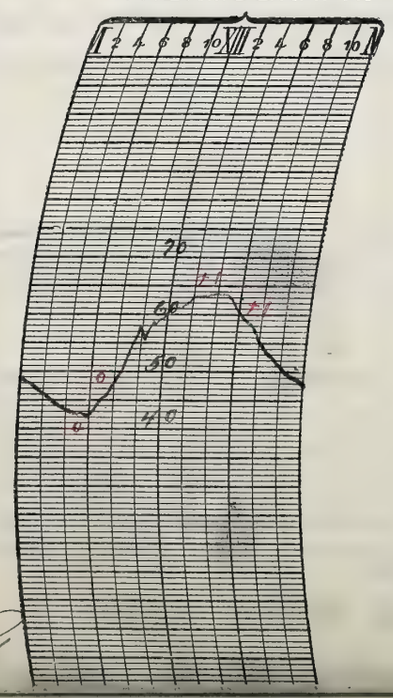
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A heavy deposit of dew occurred in the early morning.

Clear, cool, and invigorating weather.

Moonlight from an increasing moon in the early night.

Prepared by F. C. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 26 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	45	43	42	41	44	51	56	59	60	62	64	66	66	66	65	63	61	58	56	55	52	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation / Cloudiness and other conditions					<					Clear										>				
Sunshine (in tenths of hours)						0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	5	4	2	4	5	4	5	5	7	8	9	8	8	6	6	5	4	4	5	3	2	3	7	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.32 Character, Clear
Moonrise: 11:37 A Clear
Sunset: Time, 5.32 Character, Clear
Moonset: 9:47 P Clear

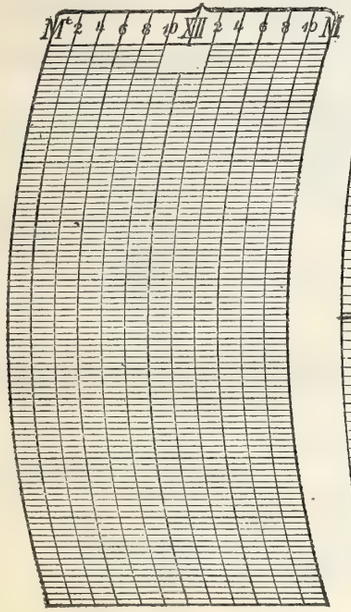
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	41	54	

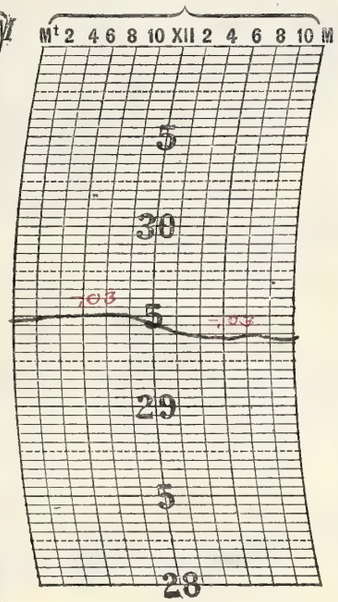
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 123
Average hourly velocity, 5.1 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 8.49 a.m.
Reduced barometer, 30.41 7 a. m. 30.29 7 p. m.
River gage, 2.3 feet
Relative humidity, 85 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 62.5 Wet temperature, 48.4
Dew-point, 33 R. humidity, 33 V. pressure, .187
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

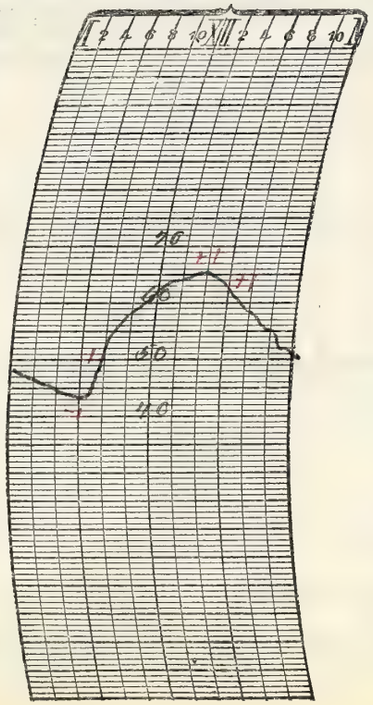
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A heavy deposit of dew occurred in the early morning.
The weather was clear and cool. Moonlight from an increasing moon in the evening.

Prepared by
Verified by P. McDonough

8—486

Form No. 1014—Met.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 27 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	46	45	45	44	46	53	63	65	67	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)						0.45 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	2	2	2	3	1	1	1	2	2	5	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	72	71	70	68	67	63	60	56	52	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	1.0 0	.50 0						
Wind direction	E	E	NE	E	E	E	E	E	E	E	E	E
Wind movement	3	4	4	3	3	3	4	3	2	4	4	2

Sunrise: Time, 5.33; Character, Clear. Moonrise: 12:32 P. Clear.

Sunset: Time, 5.30; Character, Clear. Moonset: 10:40 P. Clear.

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	44	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, F.Q. 4.40 P.M.

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 100

Prevailing wind direction, E Total wind 70

Average hourly velocity, 2.9 Extreme velocity, 7

Maximum velocity, 7 Direction, E

Time began, 10:20 a.m.

Reduced barometer, 30.32 7 a. m. 30.21 7 p. m.

River gage, 2.3 feet

Relative humidity, 40 7 a. m. 29 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

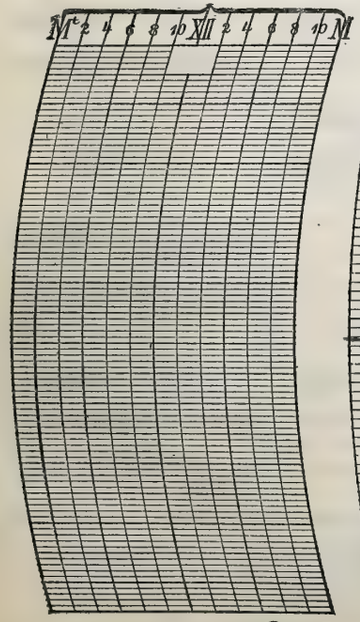
Dry temperature, 70.0 Wet temperature, 57.9

Dew-point, 34 R. humidity, 26 V. pressure, .195

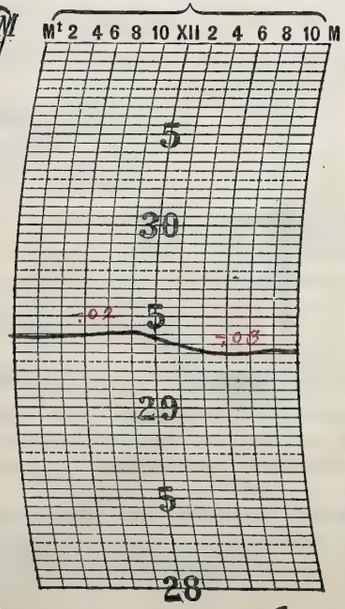
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

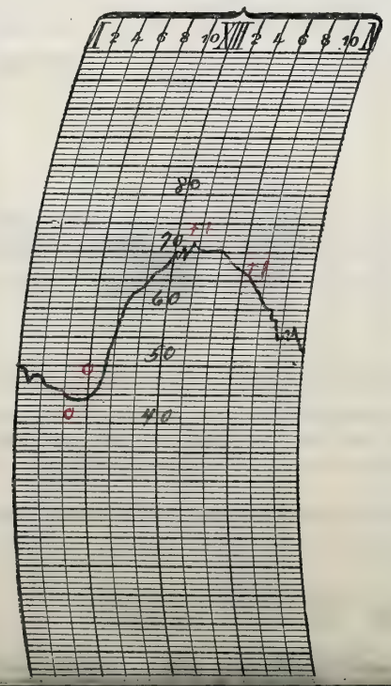
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and pleasant weather, with increasing moonlight in the evening.

A heavy deposit of dew occurred in the early morning.

Prepared by J. P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 28 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	50	49	46	46	48	48	55	62	68	71	73	74	76	76	75	73	70	68	65	63	61	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear →					← Clear									Clear									→
Sunshine (in tenths of hours)						.42 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	.48 0						
Wind direction	SE	SE	SE	SE	E	E	E	E	E	E	E	E	E	E	SE	E	E	E	E	E	E	E	E	E
Wind movement	1	2	1	4	3	4	3	3	4	5	6	6	4	5	4	5	6	5	5	6	6	6	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:35 Character, Clear
Moonrise: 1:21 P. Clear
Sunset: Time, 5:29 Character, Clear
Moonset: 11:35 P. —

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

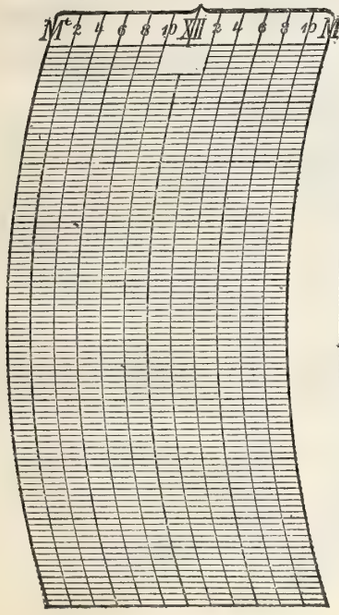
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	46	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 11.9 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 106
Average hourly velocity, 4.4 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 1:17 p. m.
Reduced barometer, 30.28 7 a. m. 30.17 7 p. m.
River gage, 2.3 Feet
Relative humidity, 72 7 a. m. 47 7 p. m.

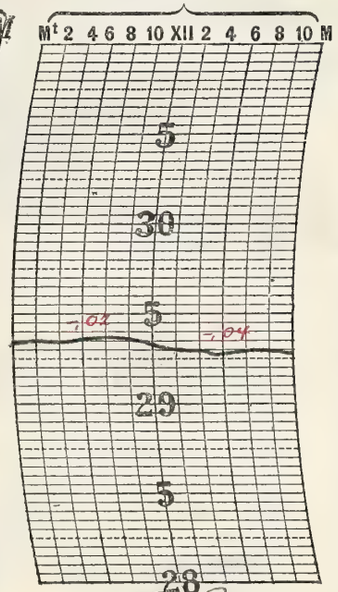
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.9 Wet temperature, 55.4
Dew-point, 39 R. humidity, 29 V. pressure, 23.7
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

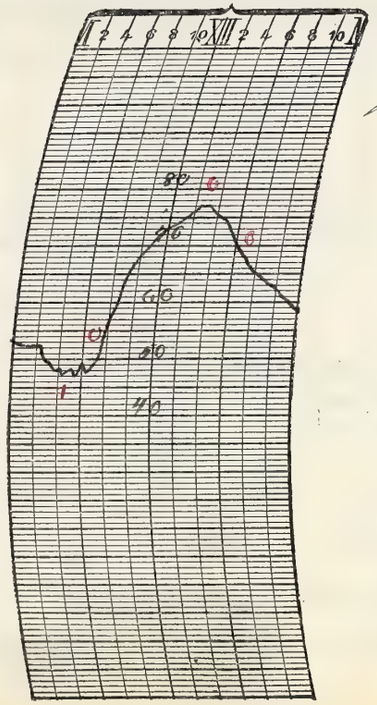
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and pleasant weather prevailed with increasing moonlight in the evening.

Prepared by CCS

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 29 1922, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	54	53	53	54	59	65	72	76	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunshine (in tenths of hours)						.40 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	5	3	4	4	4	2	2	4	2	2	4	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	82	83	79	75	74	71	70	68	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear →							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3	0						
Wind direction	SE	S	SW	SW	SE	E	SE	SE	SE	SE	SE	SE
Wind movement	4	4	5	3	2	5	4	5	4	2	3	3

Sunrise: Time, 5:36 Character, Clear
Moonrise: 2:04 P Clear
Sunset: Time, 5:27 Character, Cloudy
Moonset: --- ---

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

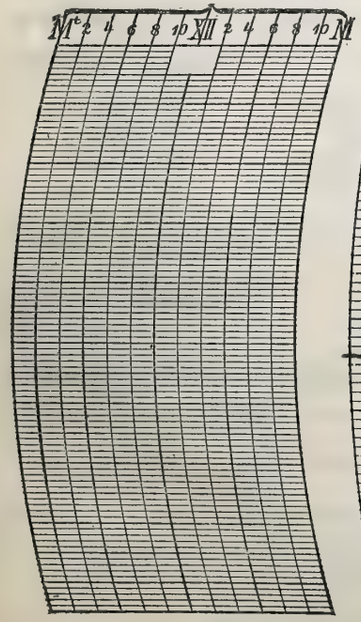
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	53	68	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.7 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 91
Prevailing wind direction, E Total wind 84
Average hourly velocity, 3.5 Extreme velocity, 8
Maximum velocity, 8 Direction, S
Time began, 1:43 p.m.
Reduced barometer, 30.23 7 a. m. 30.13 7, p. m.
River gage, 2.2 Feet
Relative humidity, 75 7 a. m. 44 7 p. m.

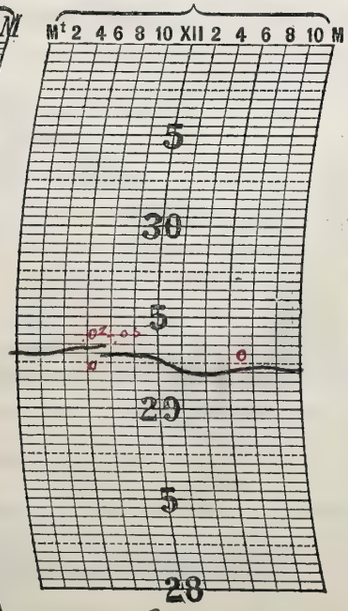
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.8 Wet temperature, 60.6
Dew-point, 48 R. humidity, 34 V. pressure, .334
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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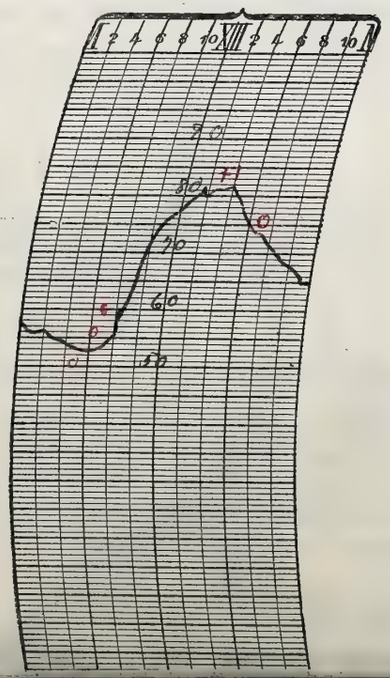


NOTES.

A clean and warm day with bright moonlight in the evening

Prepared by Daniel C. O. S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 30 1922, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	61	59	58	59	61	65	72	78	82	82	84	82	84	83	81	77	75	74	71	71	69	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear			×			Pt. Cloudy							→		
Sunrise: Time, Character,	531 Clear																							
Moonrise:	2:43 P. Cloudy																							
Sunset: Time, Character,																					525 Cloudy			
Moonset:																					12:31 A —			
Sunshine (in tenths of hours)						.38 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.8	1.0	0.2	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SW	S	S	S	S	S	S	SW	SE	SE	SE	E	SE	E	SE	SE
Wind movement	3	1	1	1	3	2	2	3	4	3	4	7	5	6	4	6	3	5	4	5	4	4	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

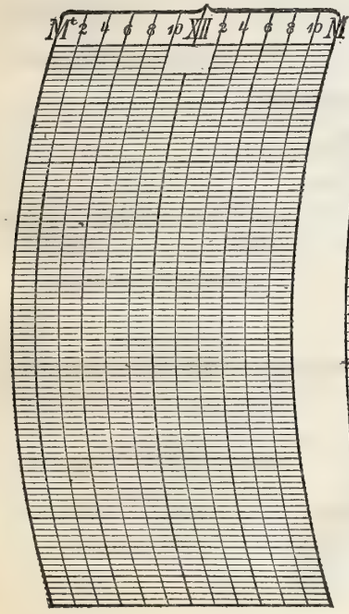
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	58	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.2 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 86
Prevailing wind direction, S.E. Total wind 87
Average hourly velocity, 3.6 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 12:49 p.m.
Reduced barometer, 30.18 7 a. m. 30.12 7 p. m.
River gage, 2.0 Feet
Relative humidity, 76 7 a. m. 76 7 p. m.

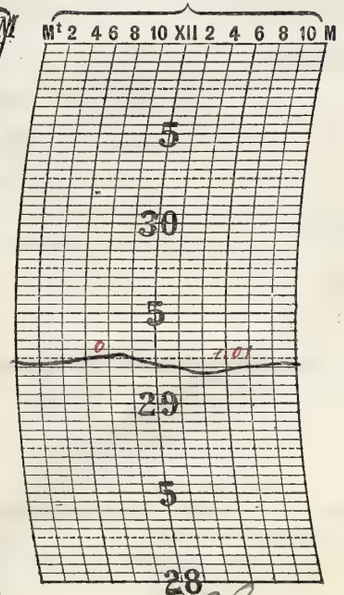
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.4 Wet temperature, 64.6
Dew-point, 54 R. humidity, 38 V. pressure, 417
Clouds: Amount, 5; Kind, Cu; Direction, N.
Velocity of clouds (miles per hour)

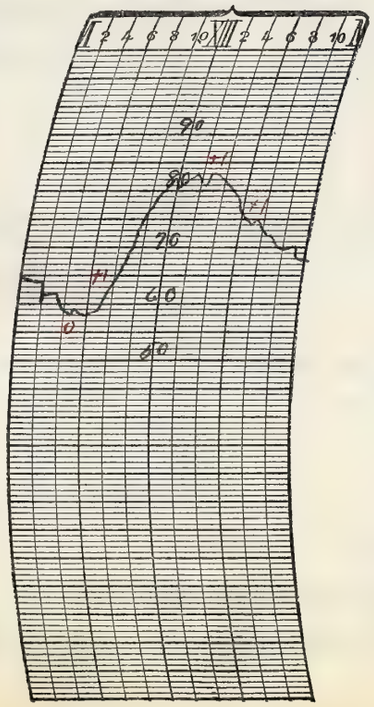
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and somewhat warm day. In the evening the moon shone through broken clouds.

Prepared by

Verified by J. M. Donovan

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT - 1 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	63	62	61	64	69	75	80	82	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Pt. Cloudy					~~x Clear x~~	
Sunrise: Time, Character, 5:38 Cloudy												
Moonrise: 3:18P Cloudy												
Sunshine (in tenths of hours)						0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	S	S	S	S	S	S	S	SW	SW	S	SW
Wind movement	5	6	4	5	3	4	4	3	3	2	3	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	84	81	79	76	73	72	70	68	67	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt. Cldy		Cloudy								
Sunset: Time, Character, 5:23 Cloudy												
Moonset: 1:28a —												
Sunshine (in tenths of hours)	1.0	1.0	0.6	0	0	0						
Wind direction	S	S	SW	E	E	NE	E	E	E	E	E	E
Wind movement	3	4	4	5	8	5	6	5	3	3	2	3

Maximum velocities (exceeding 27 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

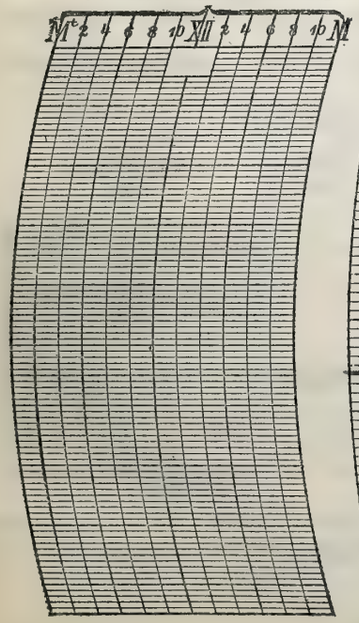
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	61	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.7 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 65
Prevailing wind direction, S Total wind 97
Average hourly velocity, 4.0 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 4:06 p.m.
Reduced barometer, 30.21 7a. m. 30.20 7p. m.
River gage, 2.2 Foot
Relative humidity, 76 7a. m. 52 7p. m.

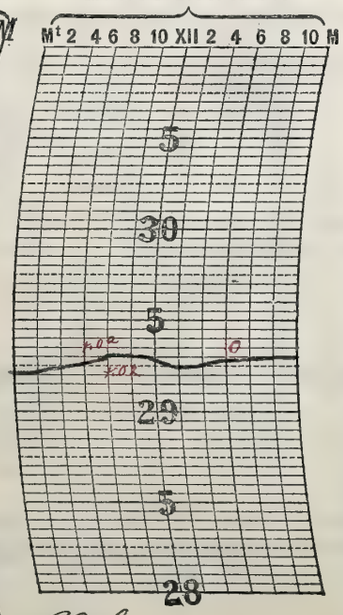
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.3 Wet temperature, 64.3
Dew-point, 52 R. humidity, 35 V. pressure, .382
Clouds: Amount, 2; Kind, Cu; Direction, N.
Velocity of clouds (miles per hour)

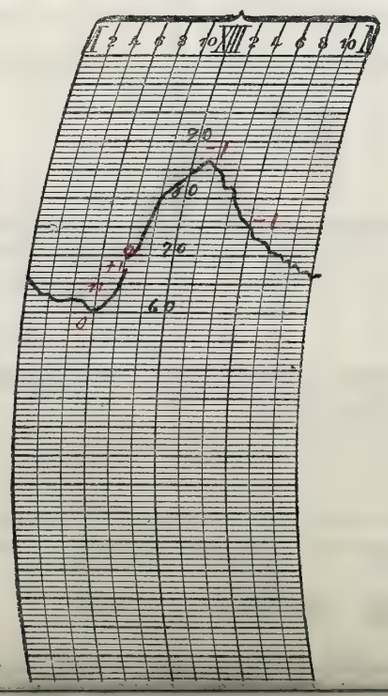
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy day with moderately high temperatures and warm sunshine through broken clouds. The moon shone brightly at times during the night through rifts in the clouds.

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT -2 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	63	63	62	63	66	73	79	82	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy						Clear
Sunrise: Time, Character,	5:39 Cloudy											
Moonrise:	3:49p Clear											
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0
Wind direction	E	E	E	O	E	O	E	W	W	W	W	NW
Wind movement	3	2	1	0	2	0	1	4	5	4	6	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	87	86	85	84	80	79	75	72	70	69	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunset: Time, Character,									5:22 Clear			
Moonset:									2:24a —			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7 .37 0.3	0						
Wind direction	NW	W	W	NW	NW	NW	N	N	N	N	NW	NW
Wind movement	5	4	4	6	4	6	6	4	4	4	3	3
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	62	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.8 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 84
Prevailing wind direction, NW Total wind 86
Average hourly velocity, 3.6 Extreme velocity, 7
Maximum velocity, 7 Direction, NW
Time began, 3:32 p.m.
Reduced barometer, 30.14 7 a. m. 30.16 7 p. m.
River gage, 2.2 feet
Relative humidity, 83 7 a. m. 42 7 p. m.

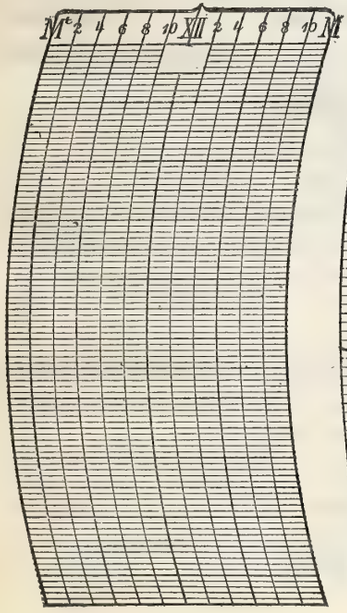
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

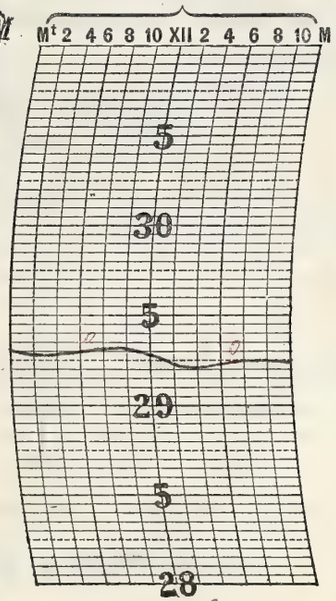
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.5 Wet temperature, 63.0
Dew-point, 48 R. humidity, 29 V. pressure, .334
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

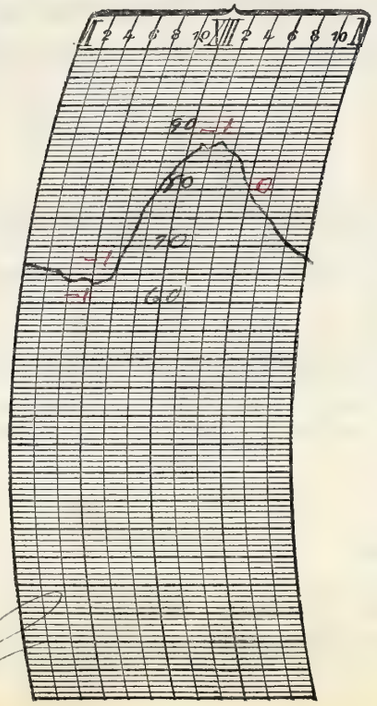
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and warm day with bright moonlight at night

Prepared by
Verified by P. McGinnegle

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT - 3 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	63	62	61	61	65	70	78	80	82	84	84	85	85	84	82	80	78	76	74	71	68	67
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear						Clear					→	Pt Cldy	→	Clear	→
Sunshine (in tenths of hours)						.33 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.33 0						
Wind direction	NW	NW	NW	NW	NW	0	0	NW	N	N	NE	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE
Wind movement	3	2	1	1	1	0	0	2	1	4	5	5	5	7	9	7	5	3	2	4	1	2	1	3

Sunrise: Time, 5:40 Character, Clear
Moonrise: 4:19p Clear
Sunset: Time, 5:20 Character, Clear
Moonset: 3:21a —

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	61	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.2 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind 74
Average hourly velocity, 3.1 Extreme velocity, 11
Maximum velocity, 11 Direction, N
Time began, 2.00 p.m.
Reduced barometer, 30.19 7 a. m. 30.09 7, p. m.
River gage, 2.2 Feet
Relative humidity, 68 7 a. m. 46 7 p. m.

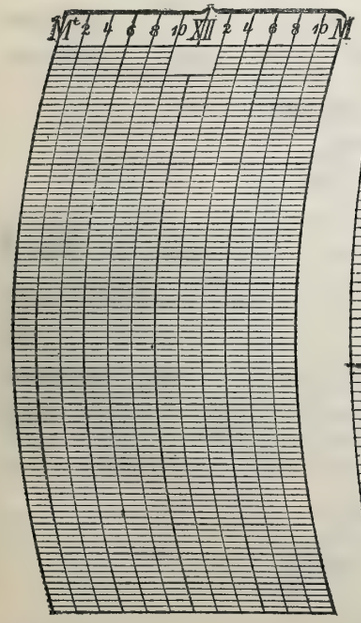
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

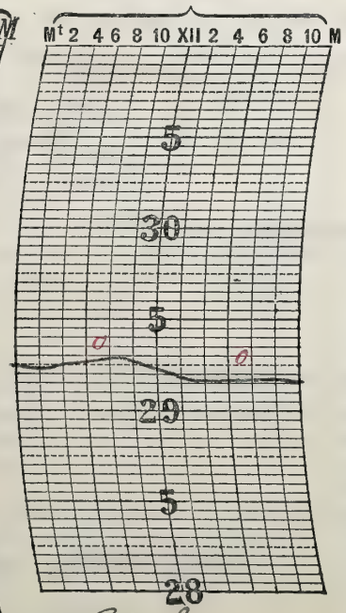
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.8 Wet temperature, 65.3
Dew-point, 54 R. humidity, 36 V. pressure, 417
Clouds: Amount, 1 (4); Kind, Cu; Direction, NW (NE).
Velocity of clouds (miles per hour)

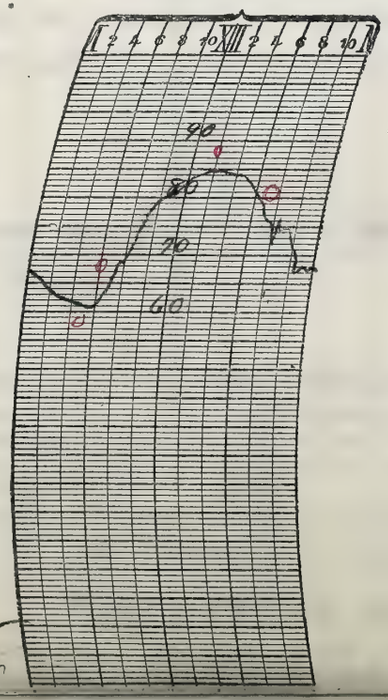
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light deposit of dew observed on ground this morning.
A clear and warm day with bright moonlight at night

Prepared by P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT -4 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	64	63	62	63	69	76	80	82	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Pt. Cldy	×	Clear				× —
Sunrise: Time, Character, 5:41 Cloudy												
Moonrise: 4:48p Cloudy												
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	E	SE	SE	SE	SE	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	6	5	5	5	7	7	8	9	10	13	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	87	85	85	82	80	78	74	73	70	69	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy			×			Clear					→
Sunrise: Time, Character,												
Moonrise:												
Sunset: Time, Character, 5:19 Cloudy												
Moonset: 4:17a												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.1	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	11	12	9	9	7	8	8	8	8	9	8
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	62	74	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.7 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 75
Prevailing wind direction, SW Total wind 202
Average hourly velocity, 8.4 Extreme velocity, 20
Maximum velocity, 17 Direction, SW
Time began, 12:05 p.m.
Reduced barometer, 30.05 7 a. m. 29.91 7 p. m.
River gage, 2.5 Fea +
Relative humidity, 73 7 a. m. 40 7 p. m.

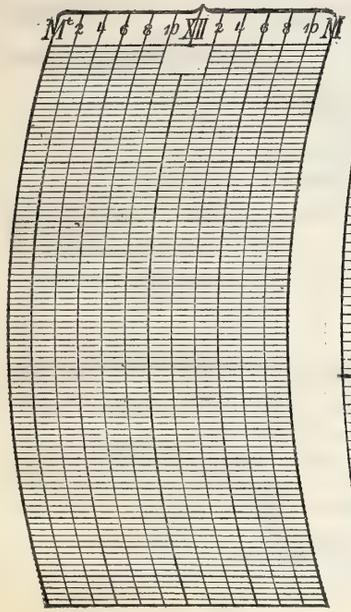
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

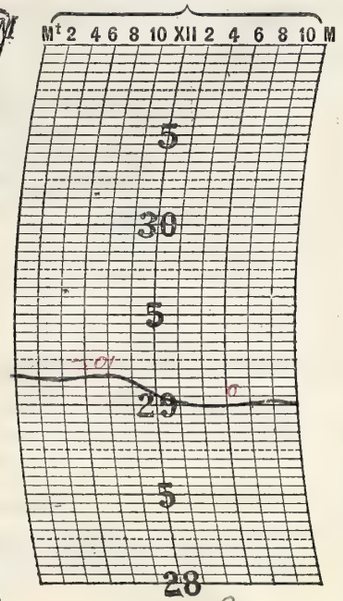
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.1 Wet temperature, 64.1
Dew-point, 51 R. humidity, 32 V. pressure, .323
Clouds: Amount, 4 ; Kind, Cu ; Direction, NW
Velocity of clouds (miles per hour)

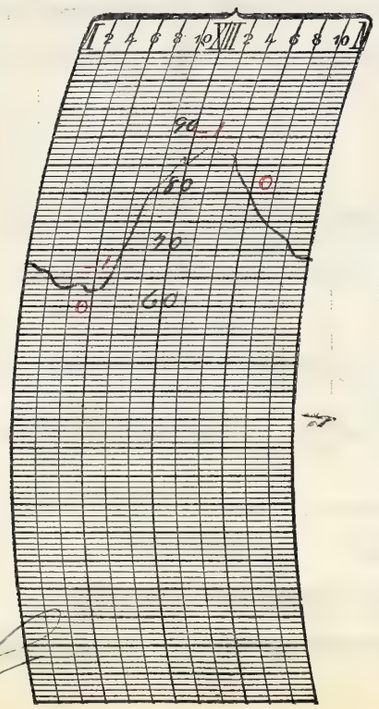
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy and warm day

Prepared by C. O. S.
Verified by C. M. Hornough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 5 1922, 192

Time (local standard), 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	64	64	62	64	68	74	80	83	84	85	86	85	85	82	79	78	74	73	72	71	70
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Pt. Cloudy			×			Clear							Pt. Cloudy →		
Sunrise: Time, Character,	5:42 Cloudy																							
Moonrise:	5:17p Clear																							
Sunset: Time, Character,																					5:17 Clear			
Moonset:																					5:13a Cloudy			
Sunshine (in tenths of hours)						0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.28 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	7	9	8	10	10	7	7	9	9	13	16	18	17	16	16	12	9	8	8	10	9	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full-6:15 P.

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.4 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 90

Prevailing wind direction, SW Total wind 356

Average hourly velocity, 10.7 Extreme velocity, 24

Maximum velocity, 22 Direction, SW

Time began, 12:10 p.m.

Reduced barometer, 29.96 7 a. m. 29.90 7 p. m.

River gage, 2.2 Feet

Relative humidity, 57 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

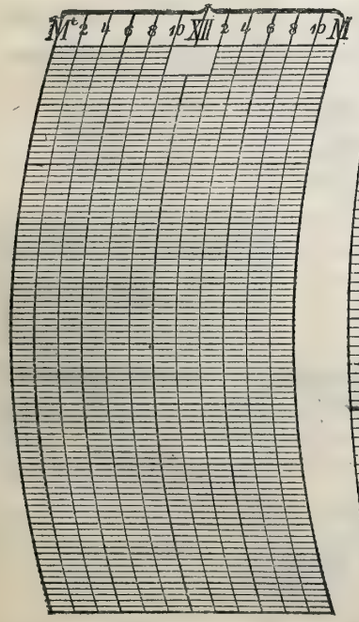
Dry temperature, 85.0 Wet temperature, 62.0

Dew-point, 46 R. humidity, 26 V. pressure, .310

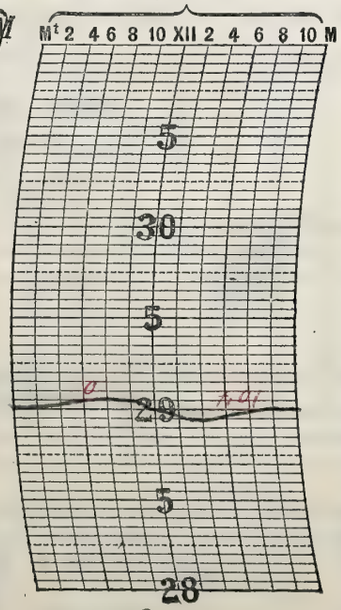
Clouds: Amount, 3; Kind, AST; Direction, NW

Velocity of clouds (miles per hour)

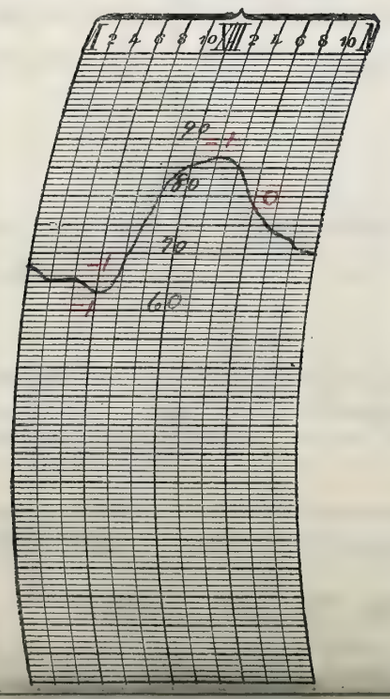
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and warm day with bright moonlight at night. A faint lunar halo of 22° radius was observed from 8:17 p.m. until 10:30 p.m.

Prepared by E. C. S.

Verified by P. McDonough

Form No. 1011 Mech.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT -6 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	68	67	67	68	73	79	81	82	83
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←			Pt. Cloudy			
Sunshine (in tenths of hours)						0	0	0.3	0.9	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	8	9	7	8	4	8	7	8	8	9

Sunrise: Time, 5:43 Character, Cloudy
Moonrise: 5:46p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	82	81	80	75	73	72	71	70	69	67	64
State of weather. Nature of precipitation and time of beginning and ending				RB 3:45	RE 4:10	RB 5:35	RE 6:10		RB 8:12			
Amounts of precipitation				T	T	T	T		T	.02	.08	T
Cloudiness and other conditions							Cloudy					→
Sunshine (in tenths of hours)	1.0	0.7	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	NE	W	NE
Wind movement	10	11	8	10	8	5	3	2	5	5	4	7

Sunset: Time, 5:15 Character, Cloudy
Moonset: 6:02a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	64	74	

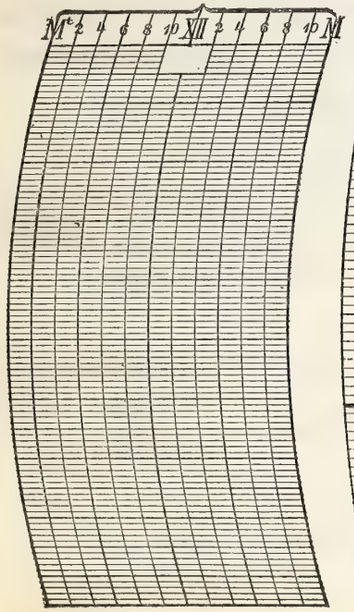
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.2 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 51
Prevailing wind direction, SW Total wind 172
Average hourly velocity, 7.2 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 1:18 p.m.
Reduced barometer, 29.24 7 a. m. 28.88 7, p. m.
River gage, 2.2 F 0.07
Relative humidity, 74 7 a. m. 79 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

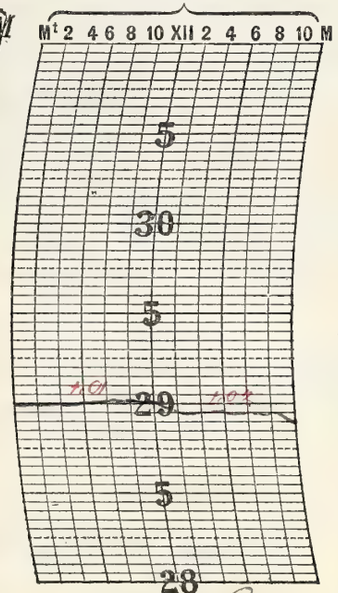
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.2 Wet temperature, 69.2
Dew-point, 63 R. humidity, 67 V. pressure, .5.73
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

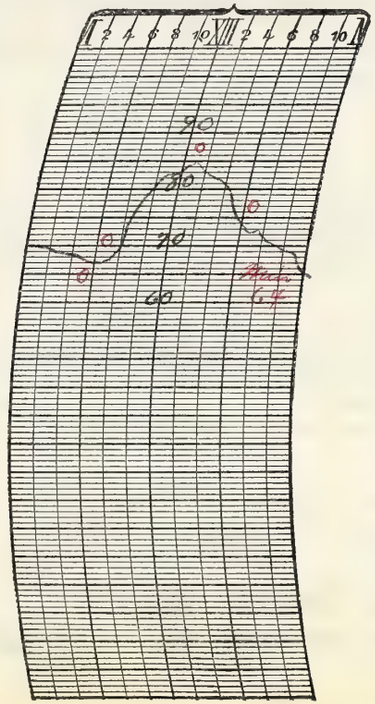
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and moderately warm day with showers in the late afternoon and rain at night.

Prepared by
Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT - 7 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	61	61	61	61	62	64	63	63	63	63
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T	T	T	T	.04	.01	.09	.20	.43	.08	.08
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, Character, 5:44 Cloudy												
Moonrise: 6:18p Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	E	E	E	E	E	E	E	S	S	SW	SW
Wind movement	6	8	8	5	6	6	4	3	5	15	11	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	64	64	63	59	58	55	54	52	51	50
State of weather. Nature of precipitation and time of beginning and ending						RE 5:50	RB 6:40	RE 7:30				
Amounts of precipitation	.06	.08	.04	.01	.01	.01	T	T				
Cloudiness and other conditions	← Cloudy								→			
Sunset: Time, Character, 5:14 Cloudy												
Moonset: 2:06a Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	W	W	W	W	NW	NW	NW	NW	NW	N
Wind movement	8	7	6	7	9	12	17	18	15	15	15	15

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	50	58	

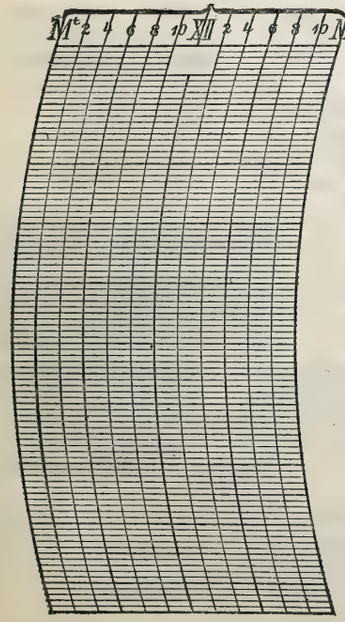
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., 1.60 ins.
Total precipitation, midnight to midnight, 1.64 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 231
Average hourly velocity, 96 Extreme velocity, 23
Maximum velocity, 22 Direction, NW
Time began, 6:01 p.m.
Reduced barometer, 29.66 7 a. m. 29.58 7 p. m.
River gage, 2.3 Feet
Relative humidity, 99 7 a. m. 94 7 p. m.

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	Oct 6th 8:12p	Oct 7th 8:00p	1.24	8:01a	8:25a	.25	.09	.21	.32	.49	.58									

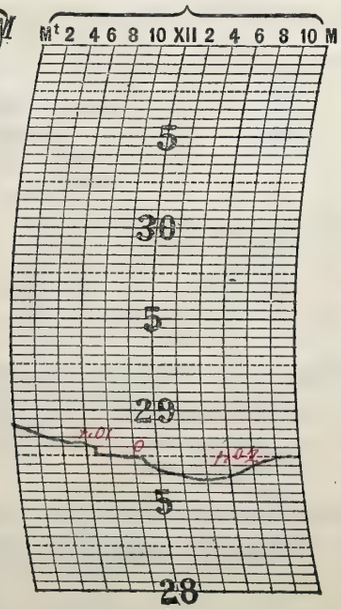
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.0 Wet temperature, 62.0
Dew-point, 61 R. humidity, 95 V. pressure, .536
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

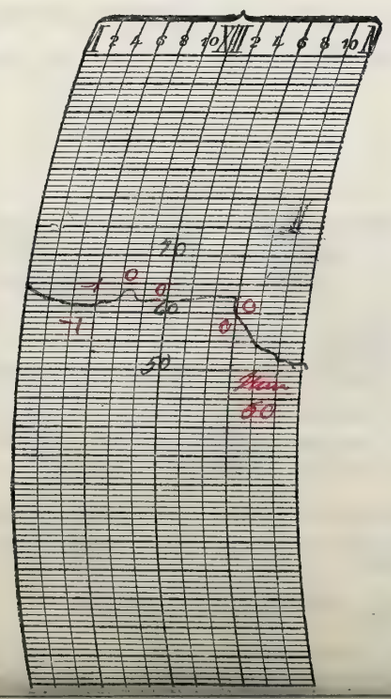
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Special 12:00 Noon (75th Meridian Time) observation called for by Chicago Forecast Center.
A cloudy day with rain, and decreasing temperatures toward evening.

Prepared by P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT - 8 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	50	50	50	50	51	51	52	52	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy						
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	14	11	10	10	8	8	9	5	5	5	6	6
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 5:45 Character, Cloudy
Moonrise: 6:52p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	50	49	49	49	50	50	50	49	48	48	47
State of weather: Nature of precipitation and time of beginning and ending		RB 1:32		RE 3:20								
Amounts of precipitation		T	T	T								
Cloudiness and other conditions				← Cloudy								
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	N	N	N	NE	NE	NE	N	NE	NE	E	E	NE
Wind movement	6	5	7	7	5	3	5	5	4	7	7	8
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 5:12 Character, Cloudy
Moonset: 8:00a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	47	50	

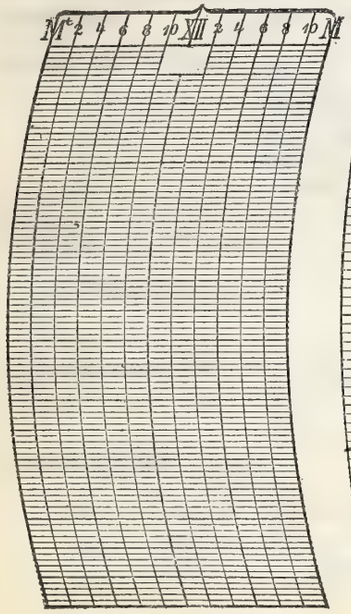
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind 169
Average hourly velocity, 7.0 Extreme velocity, 19
Maximum velocity, 17 Direction, N
Time began, 12:15 a.m.
Reduced barometer, 29.75 7a. m. 29.20 7p. m.
River gage, 2.7 Feet.
Relative humidity, 87 7a. m. 87 7p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

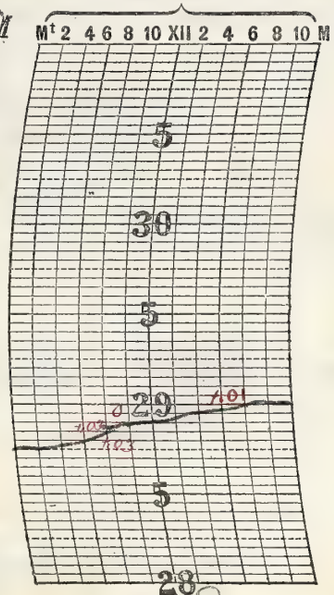
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.2 Wet temperature, 50.0
Dew-point, 48 R. humidity, 86 V. pressure, .334
Clouds: Amount, 10; Kind, St/Cu; Direction, N
Velocity of clouds (miles per hour)

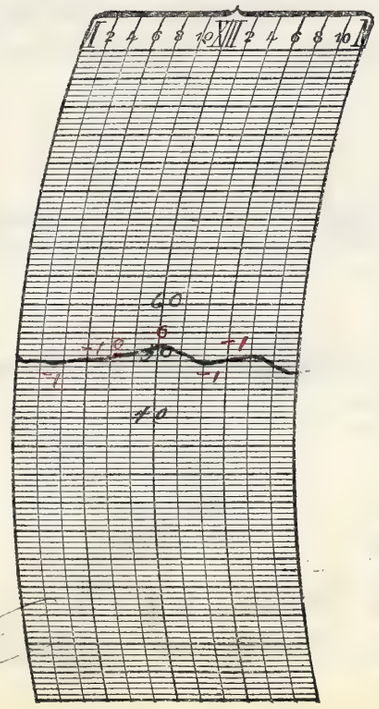
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cool, rainy day with a light shower in the afternoon.

Prepared by C.O.S.
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 9 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	47	47	47	47	47	48	49	51	53	55	56	57	57	57	57	56	56	54	53	53	51	51
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:50	RE 8:55	RB 9:32		
Amounts of precipitation																				T	.11	.02	.02	T
Cloudiness and other conditions								Cloudy								Cloudy								

Sunrise: Time, 5:46 Character, Cloudy
Moonrise: 7:30p Cloudy
Sunset: Time, 6:10 Character, Cloudy
Moonset: 8:59a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0.6	0.5	1.0	0.8	0	0	0	0						
Wind direction	NE	E	E	E	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	6	7	6	5	5	6	5	7	8	8	5	7	7	8	7	8	8	8	11	11	10	10	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

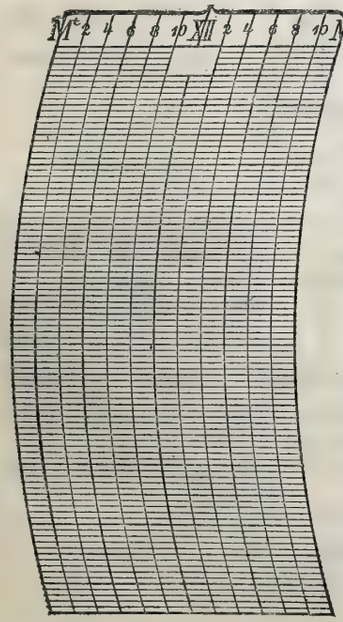
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	47	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.9 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 25
Prevailing wind direction, NE Total wind 180
Average hourly velocity, 7.5 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 6:20 p.m.
Reduced barometer, 29.96 7 a. m. 29.89 7 p. m.
River gage, 2.6 Feet
Relative humidity, 86 7 a. m. 73 7 p. m.

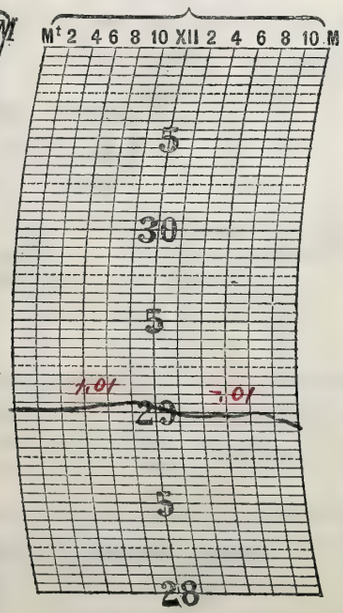
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.0 Wet temperature, 50.0
Dew-point, 47 R. humidity, 76 V. pressure, .322
Clouds: Amount, 9; Kind, St Cu; Direction, NE
Velocity of clouds (miles per hour)

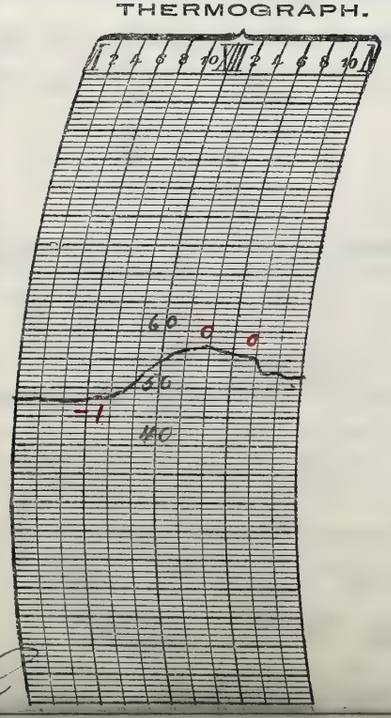
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cool day and with rain in the night

Prepared by CCS

Verified by P. McDermott

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 10 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	51	53	53	53	54	54	54	56	57
State of weather: Nature of precipitation and time of beginning and ending			RE DNA			RB 5:00						RE 11:38
Amounts of precipitation	T	.05	T			T	.02	T	.01	.02	.01	T
Cloudiness and other conditions	1					← Cloudy						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	59	57	55	54	54	52	51	51	52	52
State of weather: Nature of precipitation and time of beginning and ending	RB 12:45		RE 2:50									
Amounts of precipitation	T	.14	.01									
Cloudiness and other conditions			Cloudy				→ Pldy →	Clear →				

Sunrise: Time, 5:42 Character, Cloudy
Moonrise: 8:12 p. Clear
Sunset: Time, 5:09 Character, Cloudy
Moonset: 2:55 a Cloudy

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	N	NE	NE	NE
Wind movement	12	13	12	14	13	12	10	11	11	13	14	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	S	S	S	S	S	S	SE	S	S
Wind movement	16	13	11	17	16	10	9	7	9	10	11	8
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

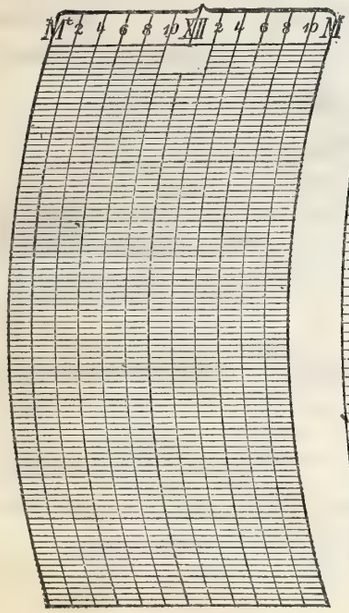
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	51	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., .12 ins.
Total precipitation, midnight to midnight, .26 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 286
Average hourly velocity, 11.9 Extreme velocity, 24
Maximum velocity, 24 Direction, S
Time began, 3:56 p.m.
Reduced barometer, 29.71 7 a. m. 29.65 7 p. m.
River gage, 25.5 ft.
Relative humidity, 93 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 56.0 Wet temperature, 56.0
Dew-point, 56 R. humidity, 100 V. pressure, .448
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH.



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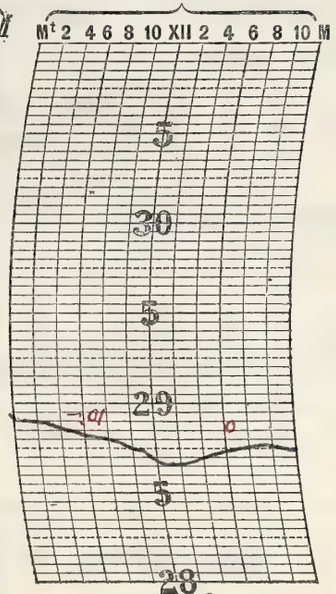

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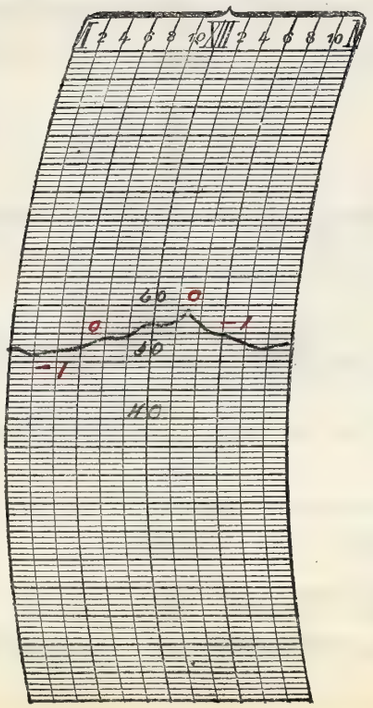


NOTES.

A cloudy and cool day with rain during the major portion thereof and clearing for a brief period in the early night.

Prepared by

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 11 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	51	51	50	50	51	52	53	54	57
Nature of precipitation and time of beginning and ending				RB DNA					RE 8:40			RB 11:45 RE 11:52
Amounts of precipitation				T	T	.01	.02	.01	T			T
Cloudiness and other conditions						← Cloudy						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	55	57	58	57	55	51	48	46	45	44
Nature of precipitation and time of beginning and ending			RB 2:32	RE 3:30								
Amounts of precipitation			.05	.01								
Cloudiness and other conditions			Cloudy				→ × Pt. Cloudy					→

Sunrise: Time, 5:48 Character, Cloudy
Moonrise: 9:00p Cloudy
Sunset: Time, 5:07 Character, Cloudy
Moonset: 10:51a Cloudy

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	S	SE	SE	SE	SE	SE	SE	SE	S	S	W
Wind movement	8	9	10	10	6	8	5	8	7	7	8	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.6	0.4	0	0.1	0	0						
Wind direction	NW	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	10	12	15	13	14	14	18	14	17	8	6	5
Maximum velocities (exceeding 29 miles) direction and time							30 NW 6:29					

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

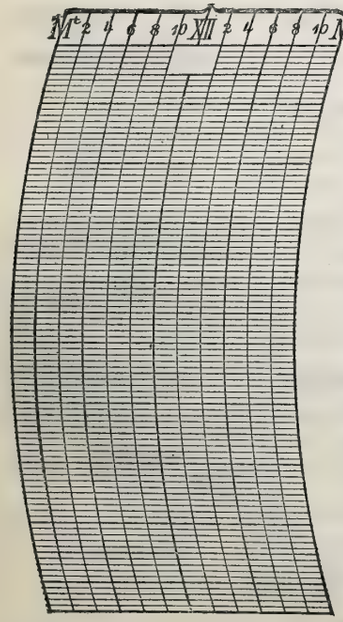
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.1 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 10
Prevailing wind direction, SE Total wind 240
Average hourly velocity, 10.0 Extreme velocity, 37
Maximum velocity, 30 Direction, NW
Time began, 6:29 p.m.
Reduced barometer, 29.59 7 a. m. 29.80 7 p. m.
River gage, 2.5 Feet.
Relative humidity, 95 7 a. m. 74 7 p. m.

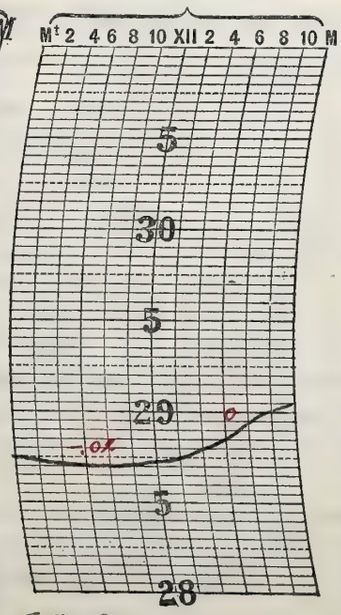
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.8 Wet temperature, 51.8
Dew-point, 50 R. humidity, 88 V. pressure, 360
Clouds: Amount, 9; Kind, St Cu; Direction, W.
Velocity of clouds (miles per hour)

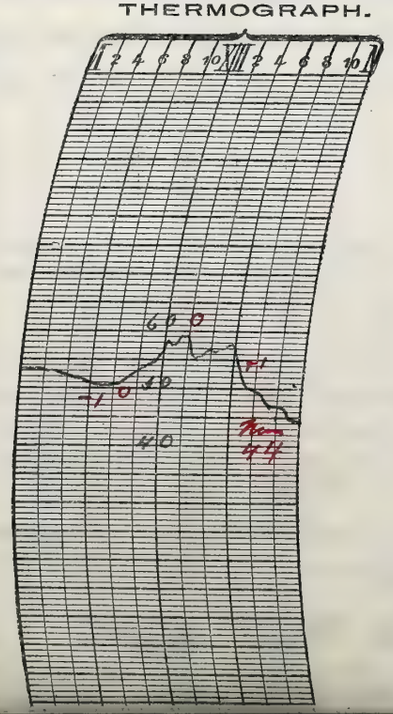
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cool day with rain in the early morning and occasional showers until thunder evening with increasing winds toward night

Prepared by CCS

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 12 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	44	43	42	42	43	44	45	47	47	48
Nature of precipitation and time of beginning and ending									HB 8:50	RB 9:15		
Amounts of precipitation									T	T		
Cloudiness and other conditions									Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.8	0.1
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement	7	8	8	8	7	5	4	5	5	8	14	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	49	48	48	44	43	42	40	39	39	38	37
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.1	0.8	0.9	0.7	0.7 0.3	.10 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	16	12	15	13	8	6	4	3	2	1	1

State of weather. Cloudiness and other conditions: Cloudy — Partly Cloudy — Clear

Sunrise: Time, 5:49; Character, Cloudy. Moonrise: 9:54 pm; Clear.

Sunset: Time, 5:06; Character, Clear. Moonset: 11:43 a; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	37	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 4.7 Possible sunshine, hours, 11.3

Per cent of possible sunshine, 42

Prevailing wind direction, NW Total wind 190

Average hourly velocity, 7.9 Extreme velocity, 41

Maximum velocity, 20 Direction, NW

Time began, 2:44 p.m.

Reduced barometer, 30.18 7 a. m. 30.34 7, p. m.

River gage, 2.6 Feet

Relative humidity, 91 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

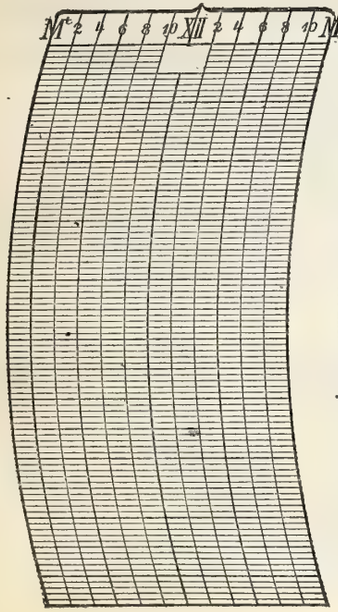
Dry temperature, 46.1 Wet temperature, 41.8

Dew-point, 37 R. humidity, 70 V. pressure, .219

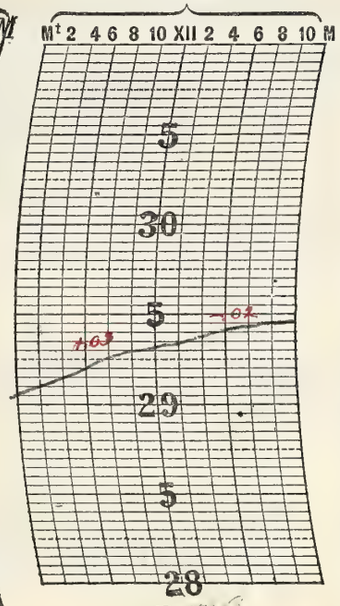
Clouds: Amount, 9; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

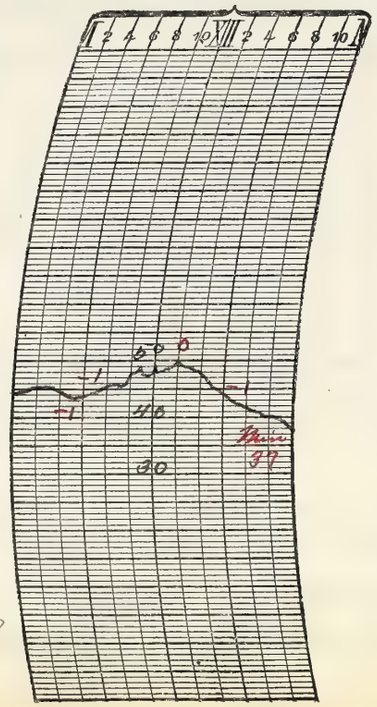
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy frost occurred this morning.

Partly cloudy and cool day with a light shower in the morning.

Light frost warning included in regular a.m. forecast.

Prepared by

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 13 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	34	34	36	38	44	47	50	52	54	57	58	59	58	56	54	53	52	51	50	49	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Clear			×	Pt.	Cloudy			×		Clear						→
Sunrise: Time, Character,	6:51 Clear																							
Moonrise:	10:52P Clear																							
Sunset: Time, Character,																					5:04 Clear			
Moonset:																					11:32P Cloudy			
Sunshine (in tenths of hours)						.15 0	1.0 0	0.1 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	.07 0						
Wind direction	NW	NW	NW	NW	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	SE	S	S	S	S	S
Wind movement	1	1	1	2	3	4	4	6	8	10	11	12	15	14	14	12	9	6	7	10	13	9	9	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	34	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, L.Q. 3:55P

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 11.0 Possible sunshine, hours, 11.2

Per cent of possible sunshine, 98

Prevailing wind direction, S Total wind 188

Average hourly velocity, 7.8 Extreme velocity, 12

Maximum velocity, 18 Direction, S

Time began, 1:01 p.m.

Reduced barometer, 30.45 7 a. m. 30.22 7 p. m.

River gage, 3.6 Feet

Relative humidity, 74 7 a. m. 56 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

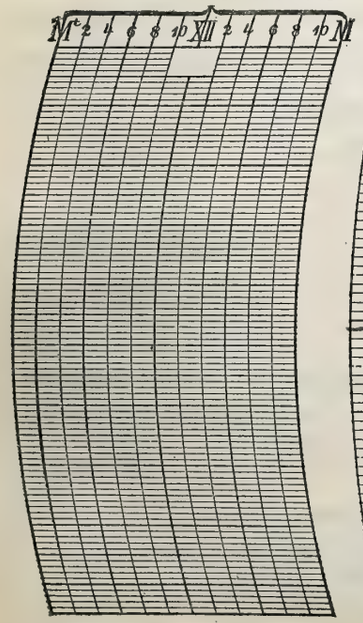
Dry temperature, 54.0 Wet temperature, 43.8

Dew-point, 32 R. humidity, 42 V. pressure, .180

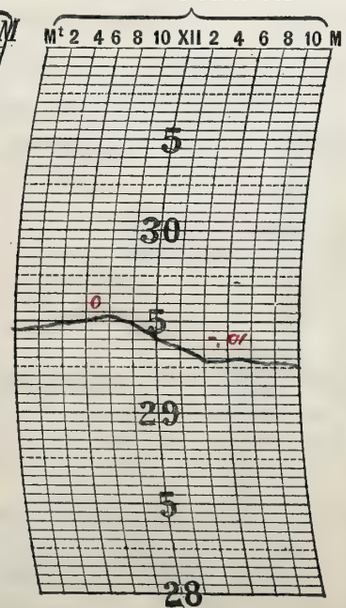
Clouds: Amount, 5; Kind, C.St; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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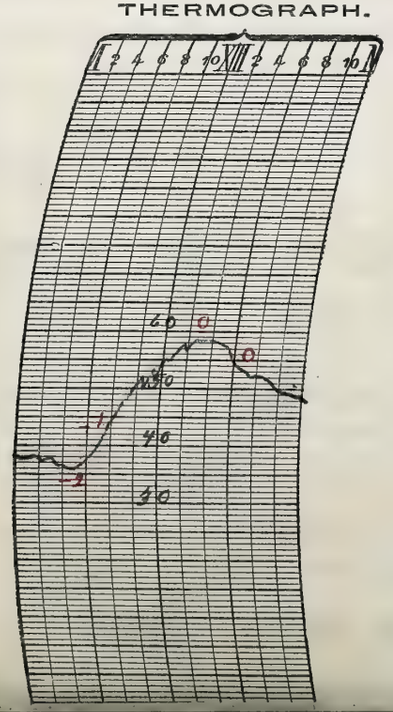


NOTES.

Killing frost occurred this morning. The word "Clear" was telegraphed at the 8 am. observation. A clear and cool day.

Prepared by [illegible]

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 14 1922, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	45	45	45	46	48	56	61	65	67	68	69	70	69	67	65	63	63	61	60	59	58	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear						x Pt. Cloudy			x	Cloudy					→
Sunrise: Time, Character, 5:52 Clear																					Sunset: Time, Character, 5:02 Cloudy			
Moonrise: 11:57p																					Moonset: 1:17p Clear			
Sunshine (in tenths of hours)						.13 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0						
Wind direction	S	S	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	S	S	SW	S	SW	SW	SW	S	SW	SW
Wind movement	10	14	10	11	8	9	9	10	18	18	18	18	19	18	18	17	13	9	6	8	7	9	8	9
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

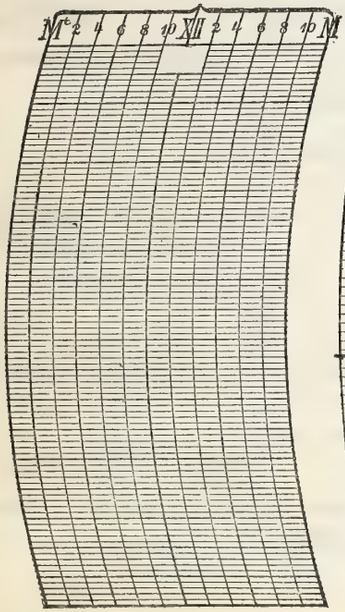
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	45	58	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.7 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 87
Prevailing wind direction, SW Total wind 299
Average hourly velocity, 12.5 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 1:16 p.m.
Reduced barometer, 30.16 7 a. m. 30.05 7 p. m.
River gage, 2.6 Feet
Relative humidity, 71 7 a. m. 56 7 p. m.

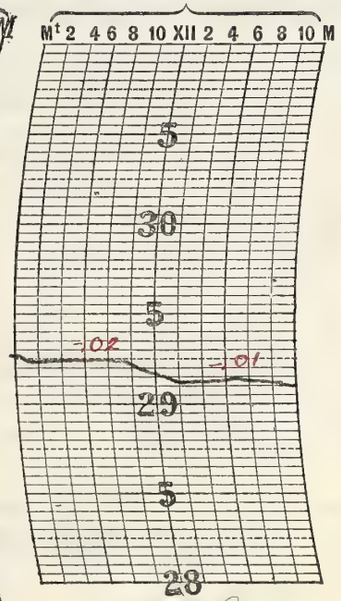
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 53.5
Dew-point, 41 R. humidity, 37 V. pressure, .256
Clouds: Amount, 1; Kind, A St.; Direction, NW
Velocity of clouds (miles per hour)

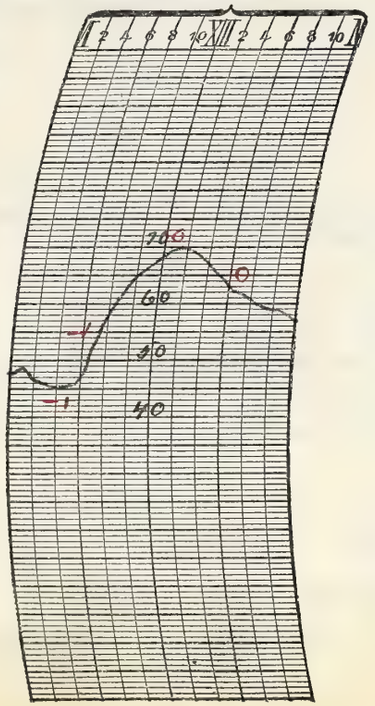
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and cool day with an abundance of bright, warm sunshine.

Prepared by CCB

Verified by P. McDonough

8—486

Form No. 1011 Met. R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 15 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	53	54	54	54	54	54	55	56	57
State of weather: Nature of precipitation and time of beginning and ending			RB 2:00			RE 3:50						
Amounts of precipitation			.02	.02	T	T						
Cloudiness and other conditions	Cloudy											

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	60	60	60	60	60	59	58	58	58	57
State of weather: Nature of precipitation and time of beginning and ending					RB 4:15 RE 4:30							
Amounts of precipitation					T							
Cloudiness and other conditions	Cloudy											

Sunrise: Time, 5:53 Character, Cloudy
Moonrise: —

Sunset: Time, 5:01 Character, Cloudy
Moonset: 2:01 P Cloudy

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	5	3	2	2	4	4	7	6	6	6	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	6	6	5	4	4	2	5	3	2	2	2

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

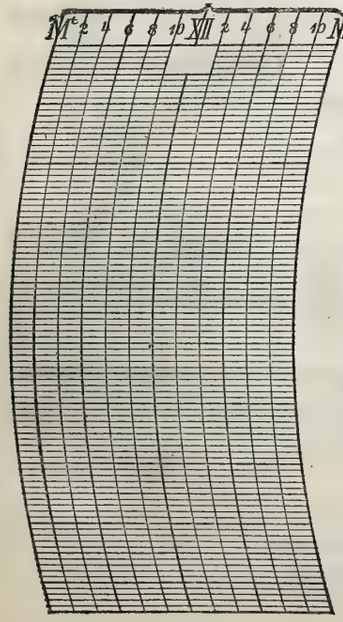
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	53	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 0
Prevailing wind direction, SW. Total wind 106
Average hourly velocity, 4.4 Extreme velocity, 8
Maximum velocity, 8 Direction, SW.
Time began, 12:40 p.m.
Reduced barometer, 29.99 7 a. m. 29.91 7 p. m.
River gage, 2.5 Foot
Relative humidity, 91 7 a. m. 81 7 p. m.

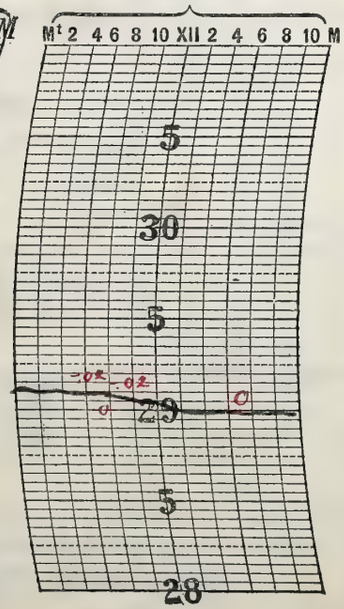
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 55.0
Dew-point, 54 R. humidity, 88 V. pressure, .412
Clouds: Amount, 10; Kind, St; Direction, SW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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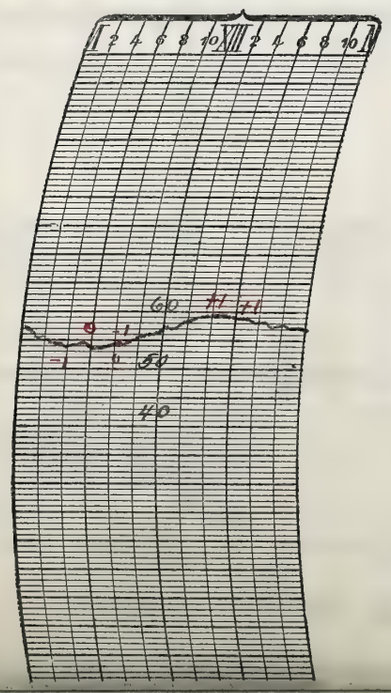


NOTES.

A cloudy and cool day, rather dark and dismy with a light shower in the early morning and a little sprinkling rain in the afternoon.

Prepared by CCS
Verified M McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 16 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	54	53	52	52	53	53	54	56	61	63
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy						
Sunrise: Time, Character, 5:54 Cloudy												
Moonrise: 1:02a												
Sunshine (in tenths of hours)						0	0	0	0	0.7	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	2	4	6	6	5	6	8	7	7	5	4	6
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	63	63	61	59	58	56	57	56	55	49
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy →	Cloudy →				PC →	Clear					
Sunset: Time, Character, 4:59 Cloudy												
Moonset: 2:44p Cloudy												
Sunshine (in tenths of hours)	1.0	0.4	0	0	0							
Wind direction	SW	SW	S	S	S	S	S	SW	SW	SW	SW	NW
Wind movement	7	9	10	7	7	7	9	8	10	15	14	19
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

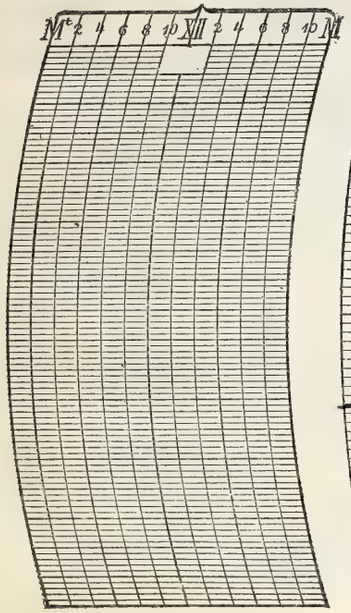
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	49	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.1 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 37
Prevailing wind direction, SW Total wind 188
Average hourly velocity, 7.8 Extreme velocity, 26
Maximum velocity, 25 Direction, NW
Time began, 11:28 p.m.
Reduced barometer, 29.92 7 a. m. 29.88 7, p. m.
River gage, 2.5 Feet
Relative humidity, 97 7 a. m. 81 7 p. m.

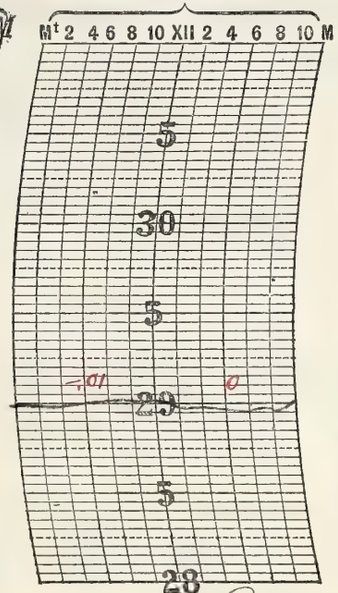
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.4 Wet temperature, 56.8
Dew-point, 52 R. humidity, 67 V. pressure, .287
Clouds: Amount, 6; Kind, A-St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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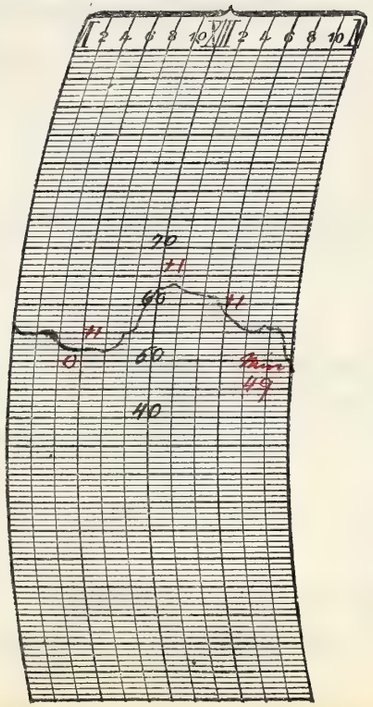


NOTES.

Light fog began 10 P.M.
Light fog ended 10:15 a.m.

Prepared by
Verified by P. M. Bonnegut

8—486

Form No. 1014—Met.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 17 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	43	42	41	41	43	45	47	46	47	48	49	48	47	47	45	44	43	42	40	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear		→ Pt. Cloudy							→ Clear									
Sunrise: Time, Character, 5:55 Cloudy																					Sunset: Time, Character, 4:58 Clear			
Moonrise: 2:14a																					Moonset: 3:20p Clear			
Sunshine (in tenths of hours)						0	0	0.8	1.0	0.7	0.2	0.3	0.6	0.5	0.9	0.2, 0.8, 97								
Wind direction	NW	NW	NW	NW	NW	W	W	W	W	NW	NW	NW	NW	NW	NW	W	W	W	W	SW	W	W	SW	SW
Wind movement	17	11	13	15	9	7	9	11	12	12	11	13	12	12	16	16	11	10	8	9	9	8	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

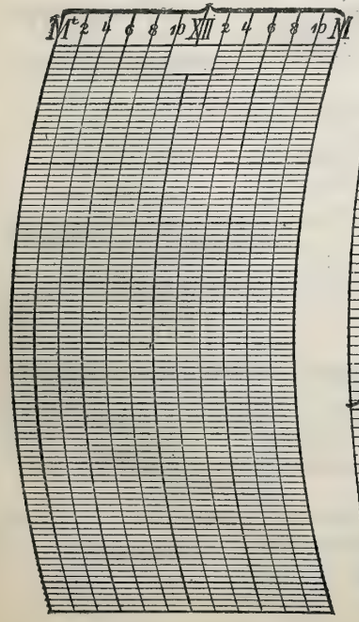
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	38	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 64
Prevailing wind direction, NW Total wind 268
Average hourly velocity, 11.2 Extreme velocity, 22
Maximum velocity, 19 Direction, NW
Time began, 3:24 p.m.
Reduced barometer, 30.11 7 a. m. 30.17 7 p. m.
River gage, 1.5 Feet
Relative humidity, 72 7 a. m. 64 7 p. m.

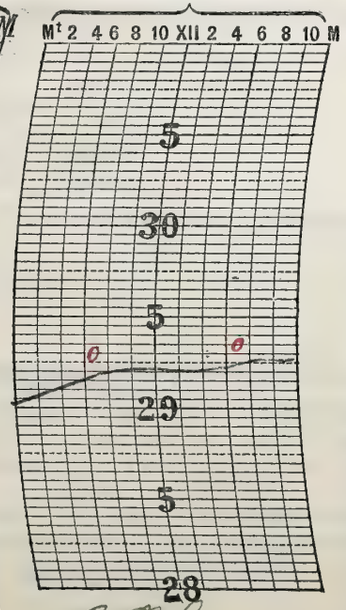
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.0 Wet temperature, 41.0
Dew-point, 35 R. humidity, 65 V. pressure, 203
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

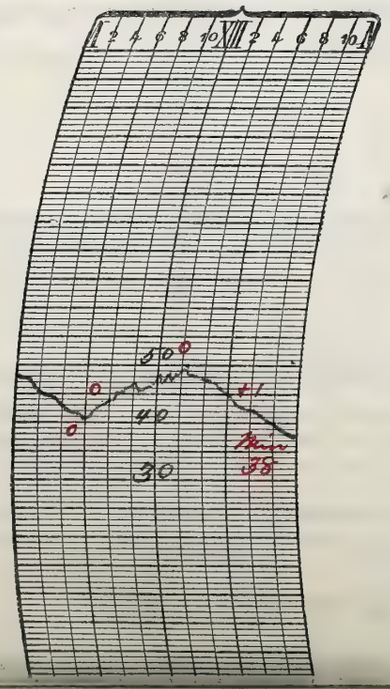
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy and cool day

Prepared by E. A. Mc[illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

OCT 18 1922

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) ....., 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	35	34	34	35	40	44	46	47	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunrise: Time, Character, 5:56 Clear												
Moonrise: 3:26a												
Sunshine (in tenths of hours)						.07 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW
Wind movement	10	10	10	11	11	9	9	9	10	11	13	12
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	47	45	43	42	40	39	38	38	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunset: Time, Character, 4:56 Clear												
Moonset: 9:58p Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.33 0.2							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	14	13	13	13	10	7	6	7	5	4	2	4
Maximum velocities (exceeding 29 miles) direction and time												

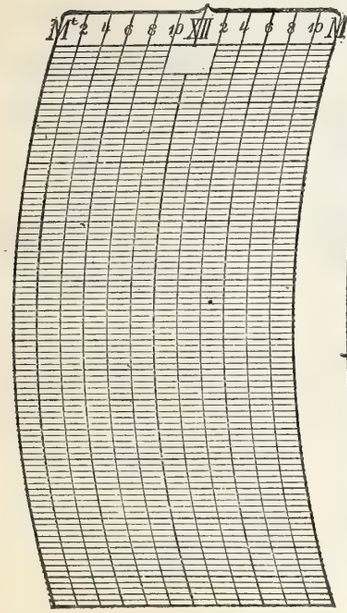
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	34	42	

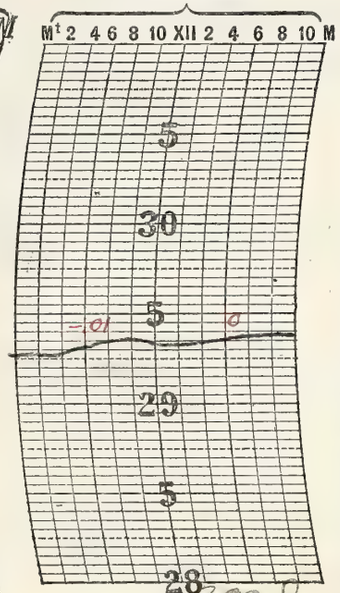
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ...
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 223
Average hourly velocity, 9.3 Extreme velocity, 17
Maximum velocity, 16 Direction, NW
Time began, 12:53 p.m.
Reduced barometer, 30.25 7 a. m. 30.30 7, p. m.
River gage, 2.4 Fall
Relative humidity, 73 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 48.9 Wet temperature, 41.1
Dew-point, 31 R. humidity, 40 V. pressure, .172
Clouds: Amount, 3; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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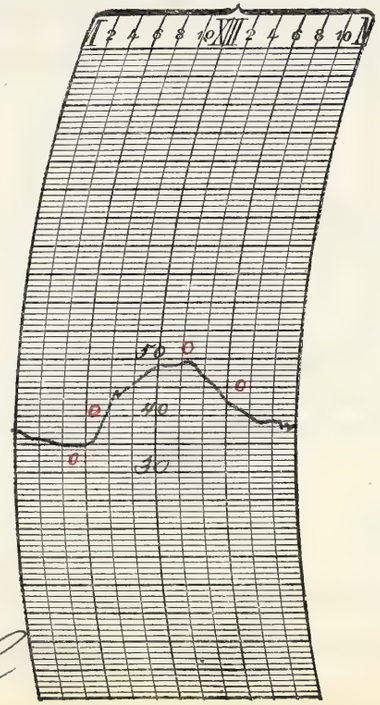


NOTES.

A clear and cool day

Prepared by .....
Verified by J. M. Dorrough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 19 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	33	33	32	35	40	47	53	55	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear					Clear						
Sunshine (in tenths of hours)						.05 0	1.0 0	0.6 0.1	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	5	5	4	5	6	10	9	14	13	14

Sunrise: Time, 5:57 Character, Clear
Moonrise: 4:40a —

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	62	61	59	56	55	51	50	48	45	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.82 0.1							
Wind direction	W	W	W	W	W	SW	SW	SW	SW	NW	NE	NE
Wind movement	14	14	14	13	9	8	8	7	7	6	7	9

Sunset: Time, 4:55 Character, Clear
Moonset: 4:36p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

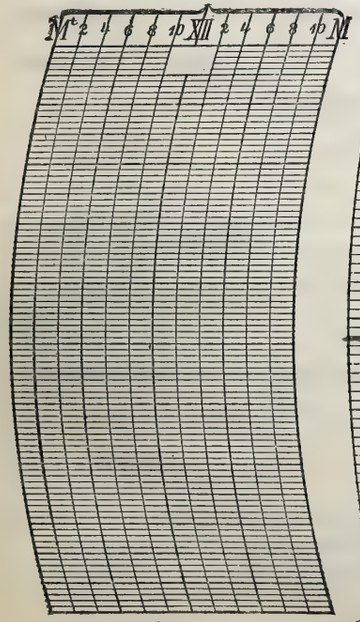
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	32	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.7 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 97
Prevailing wind direction, SW. Total wind 207
Average hourly velocity, 8.6 Extreme velocity, 10
Maximum velocity, 18 Direction, SW
Time began, 11:39 am
Reduced barometer, 30.19 7 a. m. 30.20 7 p. m.
River gage, 1.4 Feet
Relative humidity, 74 7 a. m. 47 7 p. m.

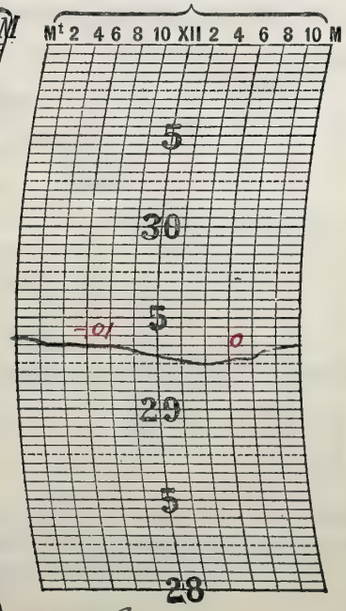
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.8 Wet temperature, 43.8
Dew-point, 28 R. humidity, 32 V. pressure, 150
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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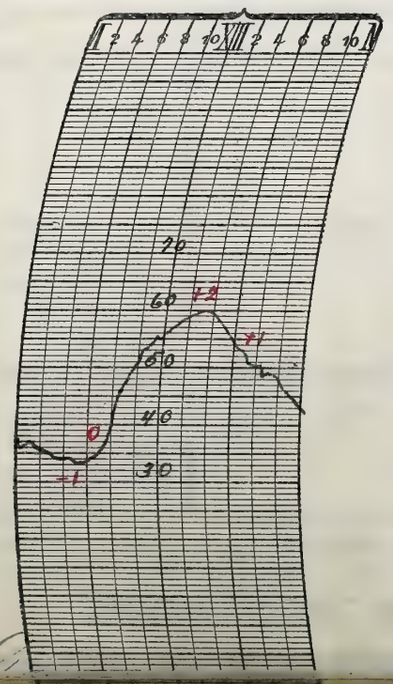


NOTES.

A clear, cool, and very pleasant day.

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 20 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	39	38	37	35	34	35	38	43	45	49	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunrise: Time, Character, 5:58 Clear												
Moonrise: 3:53a Clear												
Sunshine (in tenths of hours)						.03 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	E	E	E
Wind movement	9	12	9	9	8	8	8	11	9	7	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	56	57	56	55	52	51	48	46	43	41	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear →					
Sunset: Time, Character, 4:53 Clear												
Moonset: 5:17p Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	.88 0							
Wind direction	SE	E	E	SE	SE	SE	SE	E	E	E	E	E
Wind movement	5	4	5	4	3	4	4	4	5	5	6	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

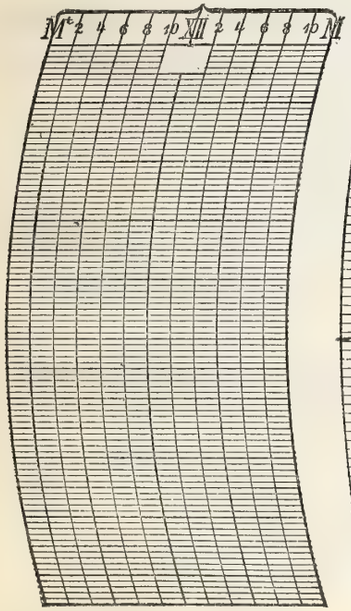
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	34	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New 2:40a
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.9 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 156
Average hourly velocity, 6.5 Extreme velocity, 15
Maximum velocity, 14 Direction, E
Time began, 7:44a.m.
Reduced barometer, 30.28 7 a. m. 30.25 7 p. m.
River gage, 2.3 Feet
Relative humidity, 23 7 a. m. 24 7 p. m.

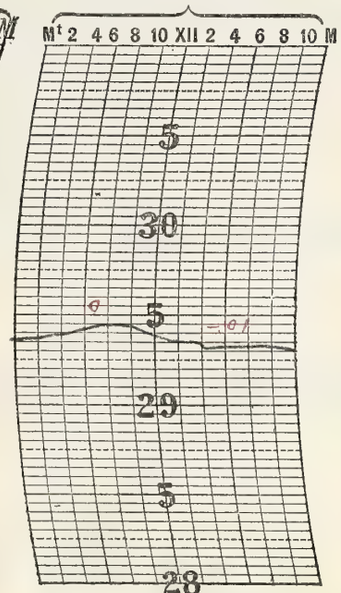
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.6 Wet temperature, 44.2
Dew-point, 32 R. humidity, 60 V. pressure, .219
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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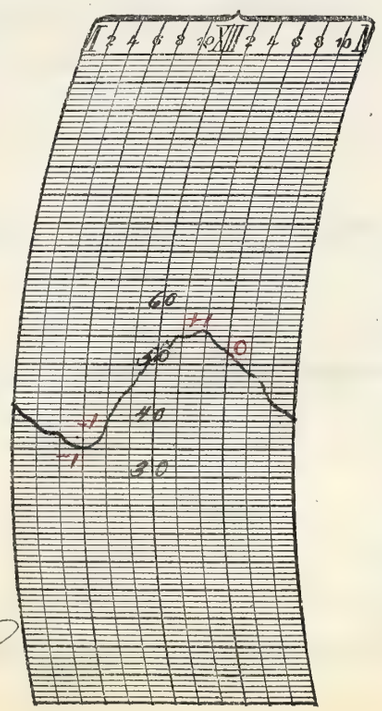


NOTES.

A clear, cool, and invigorating day

Prepared by CCS

Verified by J. M. Hornaugh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 21 1922, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	38	40	42	43	52	59	63	66	67
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear →					← Clear					→ Partly	
Sunshine (in tenths of hours)						.12 0	1.0 0	1.0 0	0.1 0.8	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	SE	S	SW	SW	SW
Wind movement	4	4	2	3	1	3	3	3	6	6	8	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	68	67	62	60	60	56	55	53	52	51
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear →											
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0							
Wind direction	SW	SW	S	S	S	S	S	S	S	S	S	S
Wind movement	12	13	10	6	6	7	7	8	9	7	8	7

Sunrise: Time, 5:59 Character, Clear
Moonrise: 7:06a Clear

Sunset: Time, 4:52 Character, Cloudy
Moonset: 6:00p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

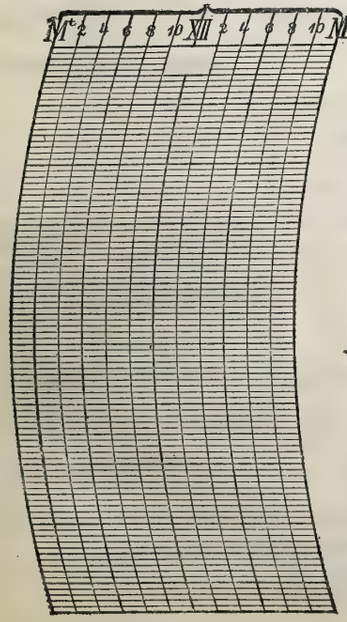
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	38	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.5 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 87
Prevailing wind direction, S Total wind 155
Average hourly velocity, 6.5 Extreme velocity, 15
Maximum velocity, 14 Direction, S
Time began, 12:46 p.m.
Reduced barometer, 30.23 7 a. m. 30.11 7 p. m.
River gage, 2.3 Feet
Relative humidity, 83 7 a. m. 53 7 p. m.

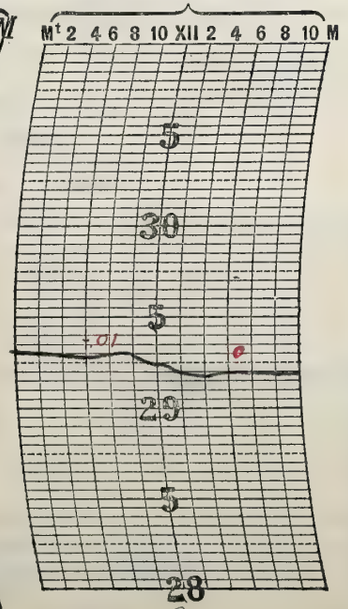
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 57.0
Dew-point, 35 R. humidity, 30 V. pressure, 20.3
Clouds: Amount, 4; Kind, Cirr.; Direction, W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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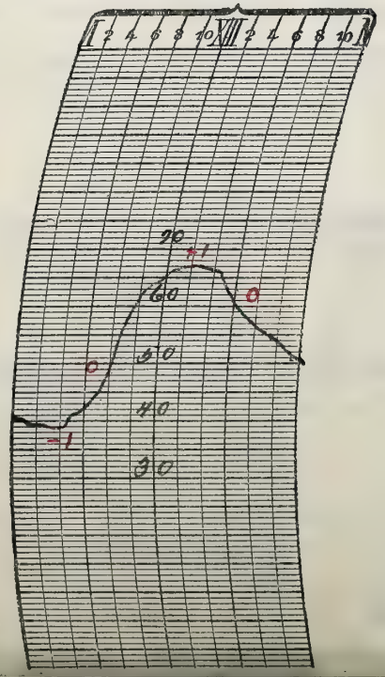


NOTES.

A clear and cool invigorating day.

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 22 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	47	46	45	46	51	57	63	66	69	70	69	68	67	65	64	63	61	61	60	56	54
State of weather: Nature of precipitation and time of beginning and ending																							RB DNP	
Amounts of precipitation																							T	.03
Cloudiness and other conditions							← Clear →						Pt. Cloudy →											
Sunshine (in tenths of hours)							1.00 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	S	S	S	S	S	S	S	SW	W
Wind movement	7	6	5	5	7	9	4	8	7	8	9	11	16	16	14	13	8	10	11	14	14	12	15	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:00 Character, Clear
Moonrise: 8:16a Clear
Sunset: Time, 4:51 Character, Cloudy
Moonset: 6:46p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

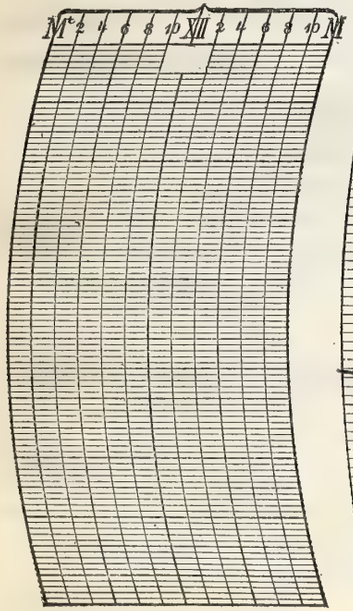
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	45	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.3 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.1 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 75
Prevailing wind direction, S Total wind 239
Average hourly velocity, 10.0 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 10:53 p.m.
Reduced barometer, 30.09 7 a. m. 29.88 7 p. m.
River gage, 2.9 Feet
Relative humidity, 81 7 a. m. 51 7 p. m.

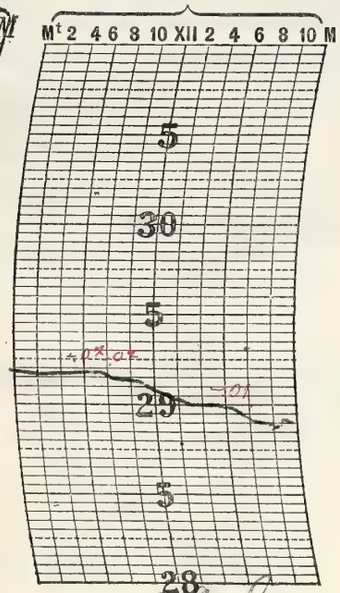
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 53.0
Dew-point, 38 R. humidity, 32 V. pressure, .228
Clouds: Amount, 5; Kind, Cst; Direction, NW.
Velocity of clouds (miles per hour)

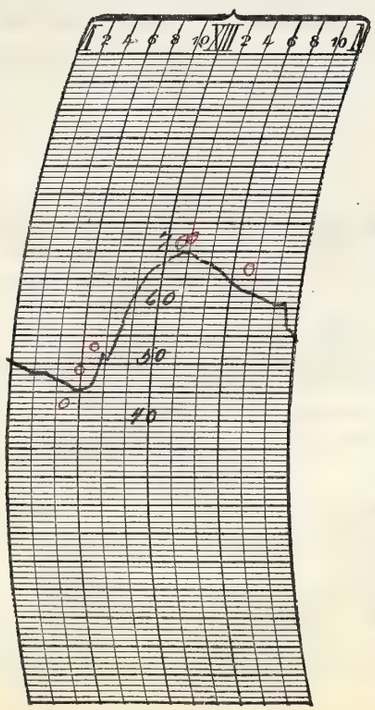
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy and very pleasant day.
A faint solar halo of 22° radius was observed from 11:00 a.m. until about 1:00 p.m.

Prepared by
Verified by W. M. Donough

8—483

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) OCT 23 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	51	50	50	48	47	46	47	47	47	48
Nature of precipitation and time of beginning and ending						RE DNA						
Amounts of precipitation	.05	.09	.13	.05	.01	T						
Cloudiness and other conditions						← Pt Cldy →			Cloudy			
Sunshine (in tenths of hours)							0	0.7	1.0	0.3	0	0
Wind direction	W	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	10	11	9	10	14	15	16	20	18	16	18

Sunrise: Time, 6:02 Character, Cloudy
Moonrise: 9:22a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	47	47	46	46	46	46	45	45	42	41
Nature of precipitation and time of beginning and ending				RB 3.41 RE 3.47								
Amounts of precipitation				T								
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0	0	0.2	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W
Wind movement	17	16	12	16	11	7	9	8	9	9	7	6

Sunset: Time, 4:49 Character, Cloudy
Moonset: 7:36p Cloudy

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

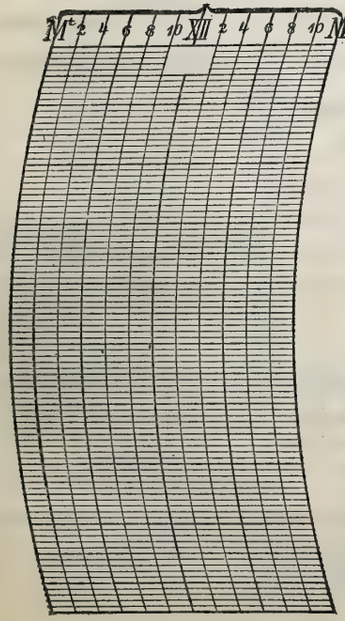
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	41	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .36 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .33 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.2 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 20
Prevailing wind direction, NW Total wind 294
Average hourly velocity, 12.2 Extreme velocity, 26
Maximum velocity, 23 Direction, NW
Time began, 12:22 p.m.
Reduced barometer, 29.82 7 a. m. 30.02 7 p. m.
River gage, 2.4 Feet
Relative humidity, 82 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.8 Wet temperature, 41.7
Dew-point, 35 R. humidity, 59 V. pressure, 203
Clouds: Amount, 9; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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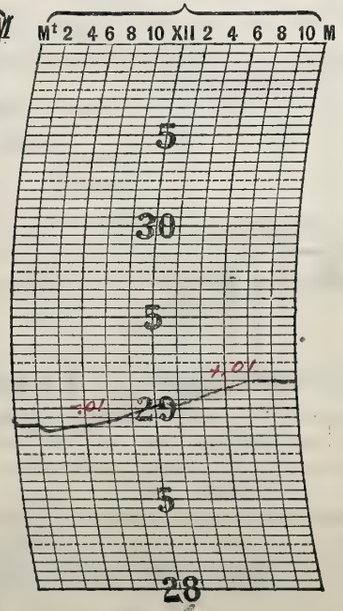

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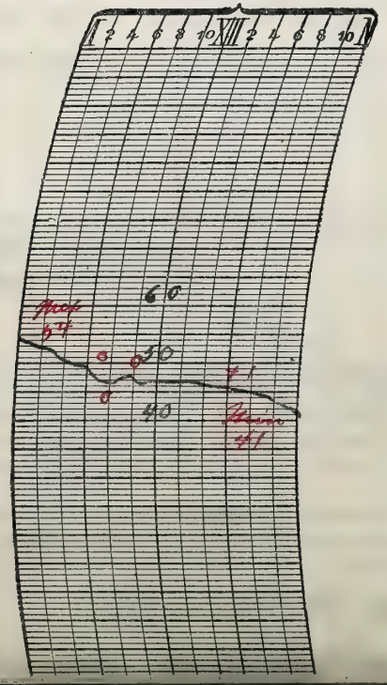


NOTES.

A cloudy and cool irrigating day.

Prepared by R. McCord

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 24 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	38	38	38	39	42	46	50	53	55
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Pt. Cloudy					
Sunrise: Time, Character, 6:03 Cloudy												
Moonrise: 10:22a Cloudy												
Sunshine (in tenths of hours)							0	0	0.2	0.7	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	6	7	6	6	7	8	9	10	14	16	18
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	59	57	56	54	53	53	53	52	51	51
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear				Clear					→		
Sunrise: Time, Character,									Sunset: Time, Character, 4:45 Cloudy			
Moonrise:									Moonset: 8:29p Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	19	21	19	18	18	17	22	22	21	21	19
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	38	48	

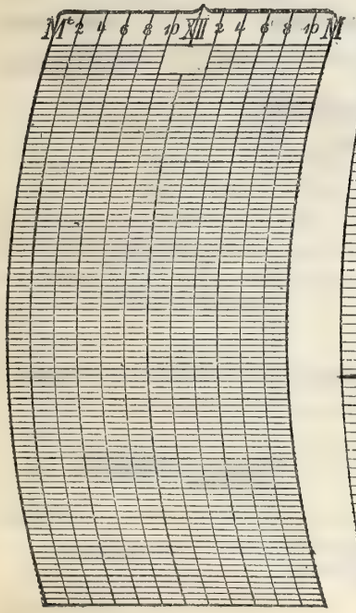
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.3 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 58
Prevailing wind direction, SW Total wind 349
Average hourly velocity, 14.5 Extreme velocity, 28
Maximum velocity, 26 Direction, SW
Time began, 7:47 p.m.
Reduced barometer, 30.09 7 a. m. 29.86 7 p. m.
River gage, 2.4 Fact
Relative humidity, 84 7 a. m. 55 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 45.0
Dew-point, 34 R. humidity, 44 V. pressure, .195
Clouds: Amount, 3; Kind, Ci St; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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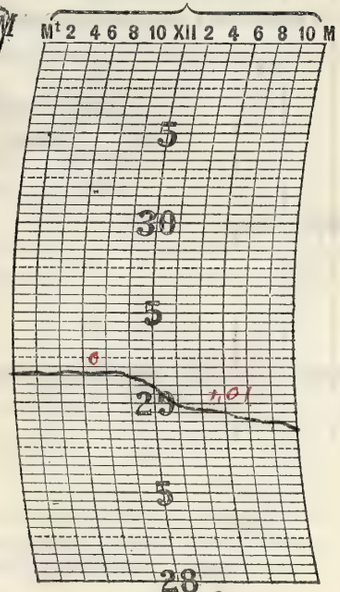

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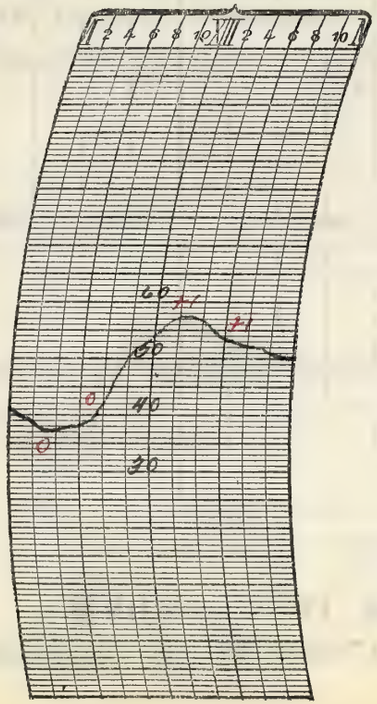


NOTES.

A pleasantly cloudy and pleasant day with mild temperatures.

Prepared by

Verified by N. M. Downing

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) Oct 25 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	50	50	50	49	49	50	52	54	56	58	60	59	58	57	55	54	53	50	49	48	48	47
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Cloudy				Pt. Cldy		→		Clear									
Sunrise: Time, 6:04 Character, Cloudy																					Sunset: Time, 4:46 Character, Clear			
Moonrise: 11:16a Cloudy																					Moonset: 9:26p Clear			
Sunshine (in tenths of hours)							0	0	0	0.7	0.8	0.8	1.0	1.0	0.8	0.2 .77 0.4	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	W	NW	NW	NW	NW	W	W	W	W	W	W	W
Wind movement	18	23	18	18	16	14	13	11	11	14	14	15	16	18	17	16	10	7	6	6	7	9	10	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	47	54	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 6.5 Possible sunshine, hours, 10.7

Per cent of possible sunshine, 61

Prevailing wind direction, W. Total wind 314

Average hourly velocity, 13.1 Extreme velocity, 29

Maximum velocity, 26 Direction, SW.

Time began, 11:19 a.m.

Reduced barometer, 29.27 7 a. m. 29.86 7 p. m.

River gage, 2.4 Feet.

Relative humidity, 66 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

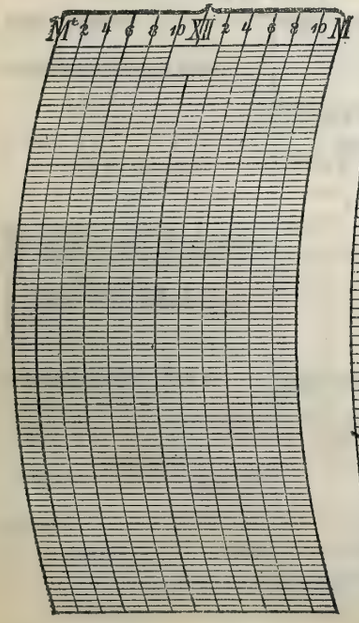
Dry temperature, 52.0 Wet temperature, 49.0

Dew-point, 42 R. humidity, 56 V. pressure, 266

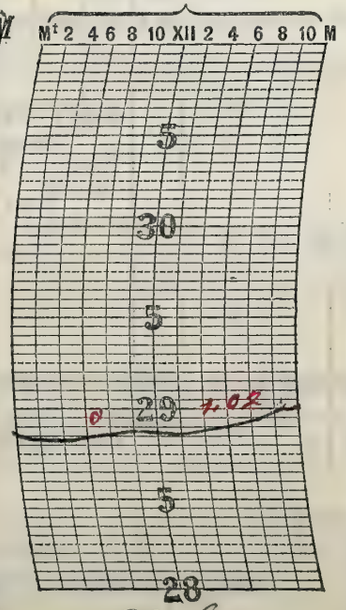
Clouds: Amount, 2; Kind, Cu; Direction, NW.

Velocity of clouds (miles per hour)

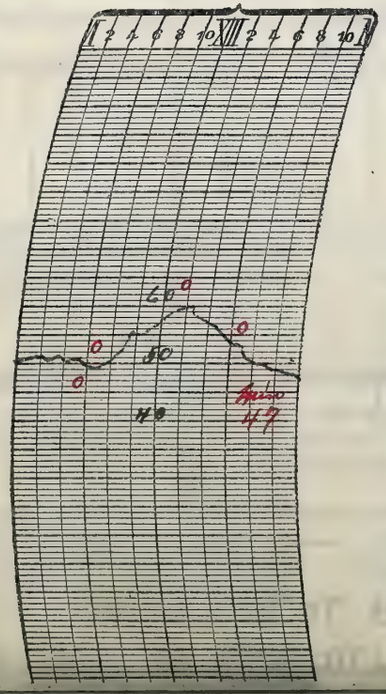
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pleasantly cloudy day with mild temperatures.

Prepared by P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 26 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	42	41	39	38	37	39	40	41	43	46	47	48	51	50	48	47	47	45	44	42	41	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Cloudy				Clear				Pt. Cloudy				Clear					→
Sunshine (in tenths of hours)							0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.75 0							
Wind direction	NW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	S	S	S	S	S	S
Wind movement	9	8	6	6	7	6	4	7	9	10	7	5	5	4	4	3	2	2	4	5	5	6	6	8

Sunrise: Time, 6:05 Character, Cloudy
Moonrise: 12:02p. Clear

Sunset: Time, 4:45 Character, Clear
Moonset: 10:23p. Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

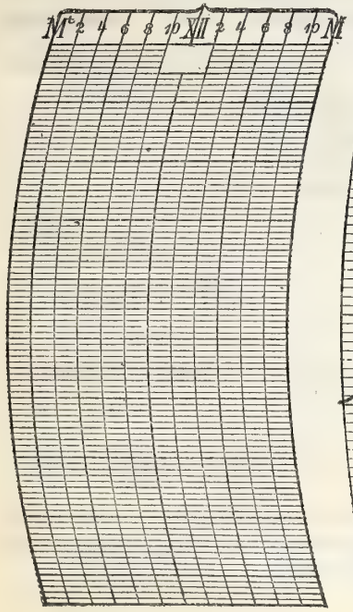
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	37	44	

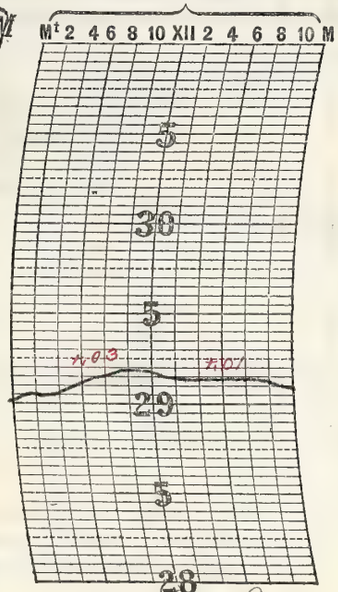
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.2 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 86
Prevailing wind direction, N Total wind 138
Average hourly velocity, 5.8 Extreme velocity, 12
Maximum velocity, 12 Direction, N
Time began, 8:37 a.m.
Reduced barometer, 30.08 7 a. m. 30.08 7 p. m.
River gage, 2.4 Fact.
Relative humidity, 81 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 45.2 Wet temperature, 39.0
Dew-point, 31 R. humidity, 57 V. pressure, .172
Clouds: Amount, 3; Kind, AST.; Direction, NW.
Velocity of clouds (miles per hour)

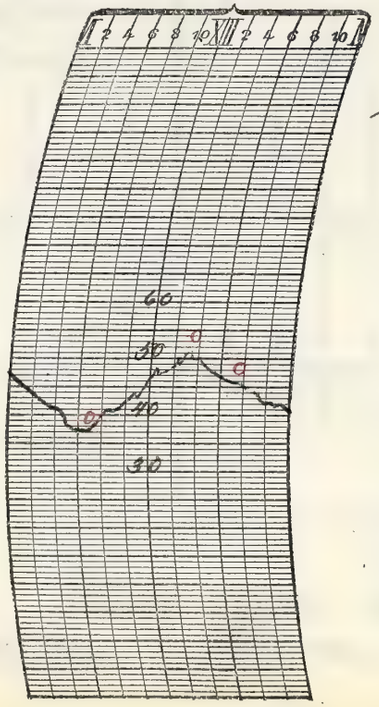
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and very pleasant day with mild temperature and moonshining in the evening

Prepared by
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 27 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	39	40	40	42	46	53	58	63	66
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← pt Clyx – Clear						
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	9	10	9	8	8	11	13	14	17	16

Sunrise: Time, 6:06 Character, Cloudy
Moonrise: 12:42p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	70	70	69	65	63	61	58	57	57	55	53
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0							
Wind direction	W	W	W	W	W	SW	SW	NW	NW	NW	NW	0
Wind movement	16	14	14	10	9	7	7	7	3	2	2	0

Sunset: Time, 4:44 Character, Cloudy
Moonset: 11:20p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

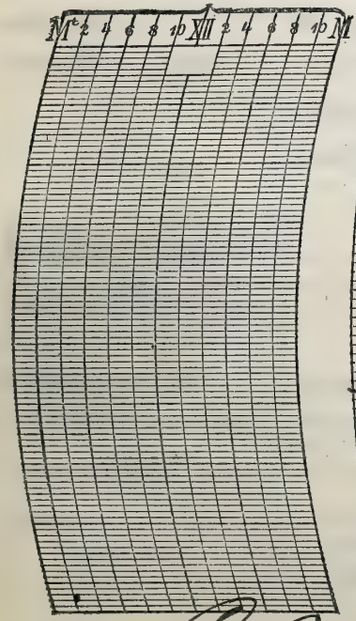
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	39	55	-

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase F.Q. 2:16 a.m.
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 7.9 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 75
Prevailing wind direction, SW Total wind 224
Average hourly velocity, 9.2 Extreme velocity, 22
Maximum velocity, 21 Direction, SW
Time began, 10:58 a.m.
Reduced barometer, 29.28 7 a. m. 29.87 7 p. m.
River gage, 24 Feet
Relative humidity, 77 7 a. m. 54 7 p. m.

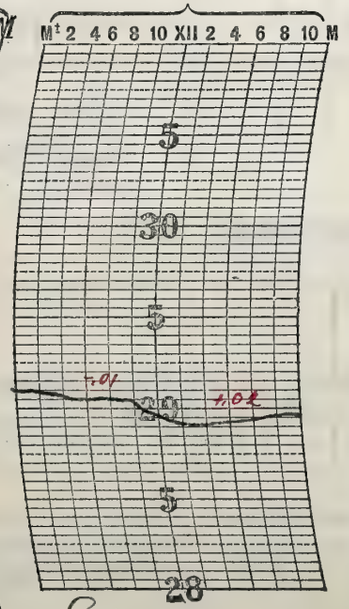
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.2 Wet temperature, 51.0
Dew-point, 37 R. humidity, 35 V. pressure, .219
Clouds: Amount, Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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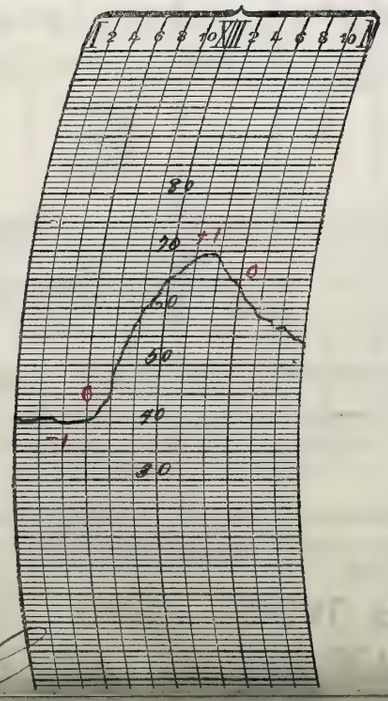


NOTES.

A clear and very mild day

Prepared by G. E. S.

Verified by G. E. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 28 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	45	44	43	42	42	43	45	46	48	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0.2
Wind direction	NW	NW	NW	E	E	E	E	E	E	E	E	E
Wind movement	1	2	5	8	10	10	10	10	11	8	8	8

Sunrise: Time, 6:07 Character, Cloudy
Moonrise: 1:19 p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	58	59	59	57	54	53	49	47	46	45	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt. Cloudy				×	Clear				→	
Sunshine (in tenths of hours)	1.0	1.0	0.7	0.1	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	7	7	9	8	7	10	11	12	9	8	6

Sunset: Time, 4:42 Character, Cloudy
Moonset: —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

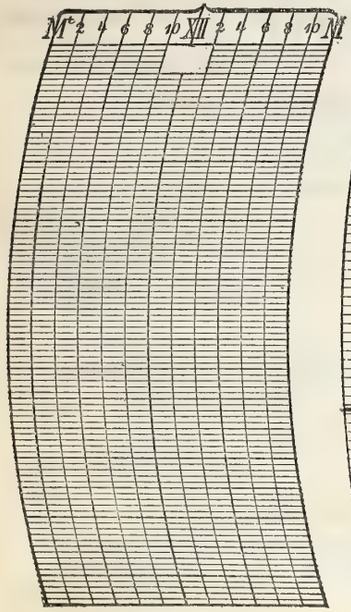
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	42	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 28
Prevailing wind direction, E Total wind 182
Average hourly velocity, 8.0 Extreme velocity, 15
Maximum velocity, 14 Direction, E
Time began, 8:08 p.m.
Reduced barometer, 30.00 7 a. m. 30.00 7 p. m.
River gage, 2.4 Feet
Relative humidity, 98 7 a. m. 82 7 p. m.

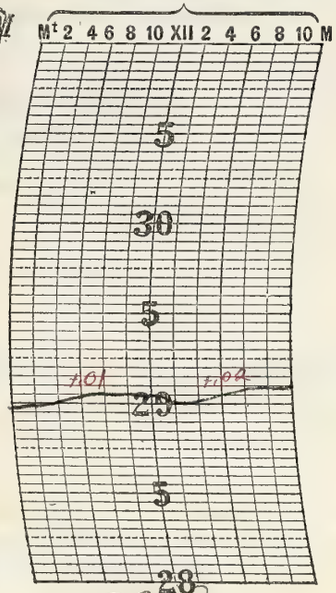
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.5 Wet temperature, 48.0
Dew-point, 46 R. humidity, 90 V. pressure, .310
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

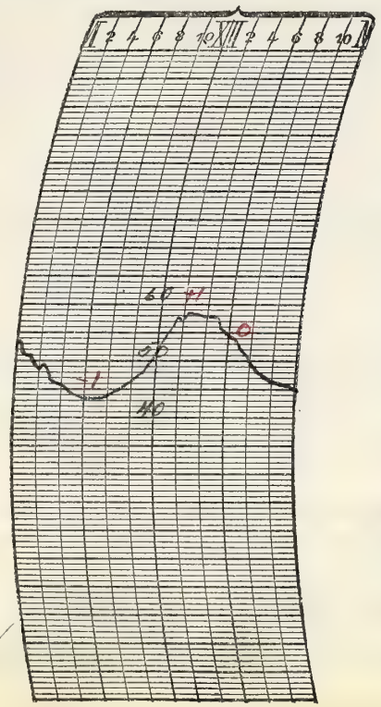
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog began 5:40 a.m.
Light fog ended 10:25 a.m.
A fairly cloudy and mild day. The sky cleared in the late afternoon and the night was independent with bright moonlight. The fog in the morning was very wet and damp.

Prepared by
Verified by J. M. Dunough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 29 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	42	41	40	39	40	46	53	61	23	26	27	28	27	26	24	20	67	61	56	51	49	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←			Clear		—	Clear		→	Pt. Cloudy			—	×	Clear			→
Sunrise: Time, Character, 6:09 Clear																								
Moonrise: 1:54p Clear																								
Sunset: Time, Character, 4:41 Cloudy																								
Moonset: 12:17a																								
Sunshine (in tenths of hours)							.85 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	SE	SE	SE	SE	S	SE	SE	SE	SE	SE	E	E	NE	NE
Wind movement	6	5	4	6	4	5	5	5	4	3	2	2	2	3	4	2	3	4	4	6	9	8	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	39	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.4 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 90
Prevailing wind direction, E Total wind 113
Average hourly velocity, 4.7 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 8:47 p.m.
Reduced barometer, 30.12 7 a. m. 30.09 7 p. m.
River gage, 2.3 Feet.
Relative humidity, 100 7 a. m. 40 7 p. m.

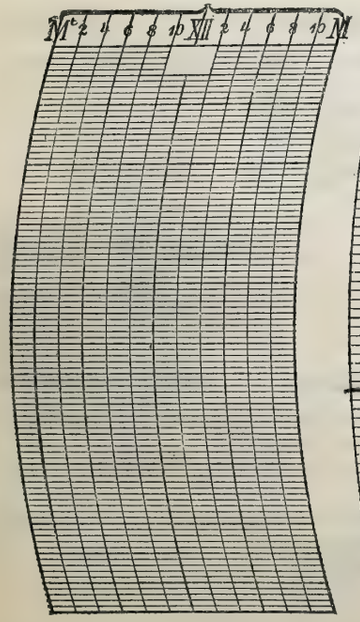
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

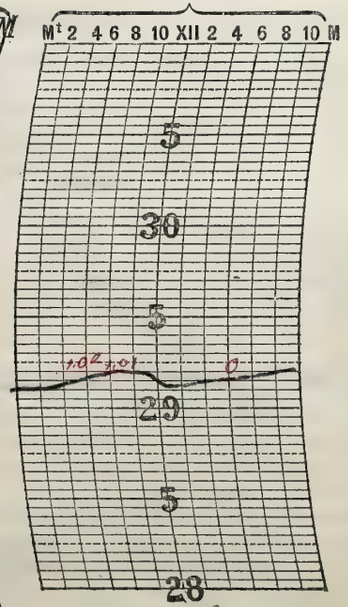
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 56.0
Dew-point, 42 R. humidity, 33 V. pressure, .266
Clouds: Amount, 1; Kind, Cst; Direction, SW.
Velocity of clouds (miles per hour)

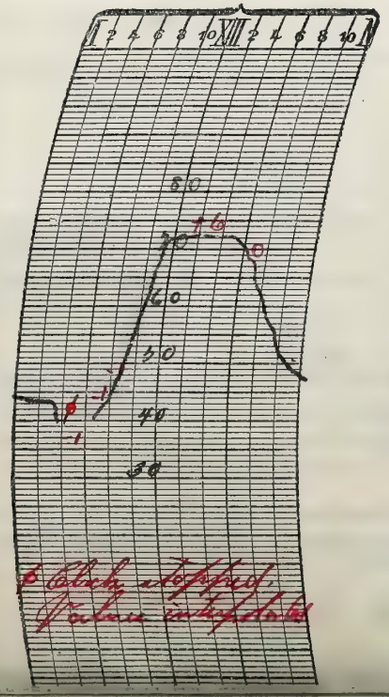
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Clock stopped. Values interpolated

NOTES.

Dense fog began 10 M.A.
Dense fog ended 5:10 a.m.
Light fog began 5:10 a.m.
Light fog ended 8:24 a.m.
The day opened clear and mild though the sky became partially overcast in the afternoon but cleared again in the early night, the night being marked by bright moonlight.
The fog in the morning was very wet and damp.

Prepared by C.M.S.
Verified by P. M. Donovan

Form No. 1011—McH.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 30 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	44	44	43	42	42	42	45	51	55	58
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy		x-pt. Cldy		x-Clear	
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0
Wind direction	NE	NE	E	NE	NE	E	E	E	E	E	NE	NE
Wind movement	9	7	8	8	8	8	8	6	7	7	8	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	65	64	61	56	52	50	47	45	44	43	43
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			x-pt. Cldy			x-	Clear					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5 0.4	0.67 0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	9	10	12	14	13	13	12	11	11	9	9	11

State of weather.

Sunrise: Time, 6:10 Character, Cloudy

Moonrise: 2:22p Clear

Sunset: Time, 4:40 Character, Clear

Moonset: 1:14a —

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	42	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 8.4 Possible sunshine, hours, 10.5

Per cent of possible sunshine, 80

Prevailing wind direction, E Total wind 229

Average hourly velocity, 9.5 Extreme velocity, 18

Maximum velocity, 16 Direction, E

Time began, 4:17 p.m.

Reduced barometer, 30.22 7 a. m. 30.18 7 p. m.

River gage, 2.4 Feet

Relative humidity, 100 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

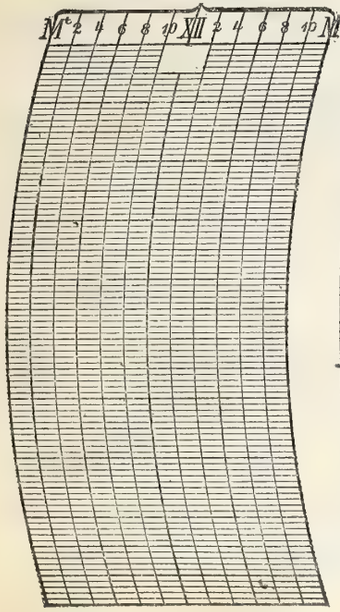
Dry temperature, 59.5 Wet temperature, 50.0

Dew-point, 46 R. humidity, 60 V. pressure, .310

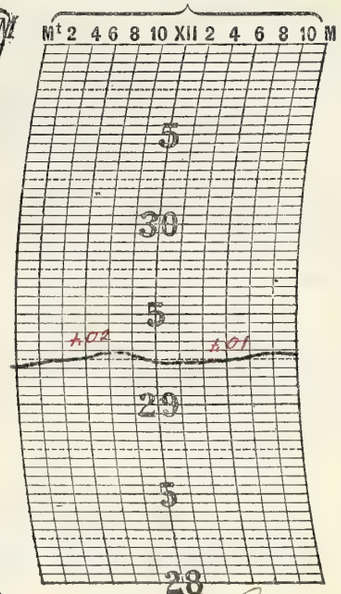
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

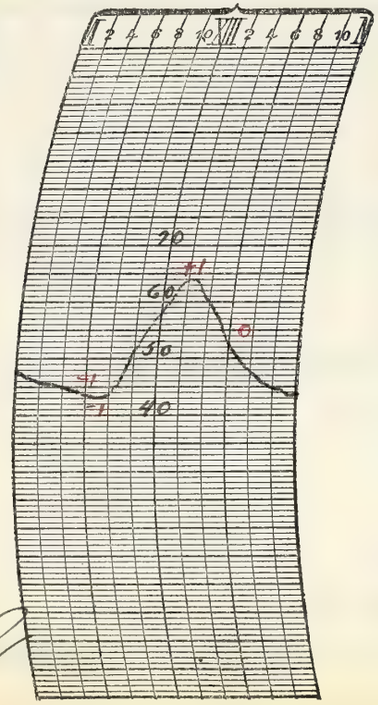
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog began 1 A.M.
Light fog ended 9:17 a.m.
The fog was rather wet and damp.
A clear day with mild temperatures. The night was clear with bright moonlight.

Prepared by

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 31 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	40	41	40	40	48	48	51	52	55	57	58	60	59	57	53	50	46	45	44	43	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←		Clear						x	Pt. Cloudy		x	Clear					→
Sunrise: Time, Character,	6:11 Cloudy																							
Moonrise:	2:50p Cloudy																							
Sunset: Time, Character,																					4:38 Cloudy			
Moonset:																					2:10a			
Sunshine (in tenths of hours)							0	0	0.9	1.0	1.0	1.0	0.9	0.7	0.9	0.3	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	8	9	9	7	9	10	10	9	10	12	11	13	13	13	15	12	10	10	10	13	12	13	12	12
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	40	50	

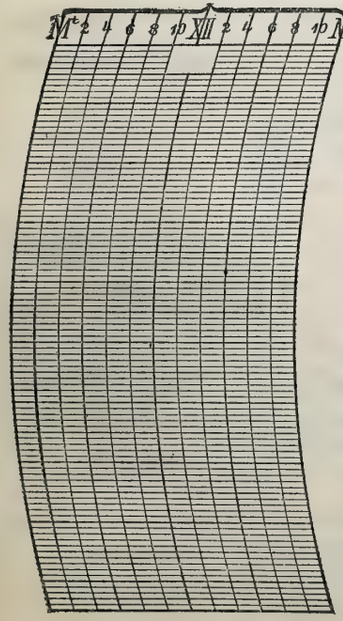
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 6.7 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 64
Prevailing wind direction, E Total wind 262
Average hourly velocity, 10.9 Extreme velocity, 19
Maximum velocity, 18 Direction, E
Time began, 2:02 p.m.
Reduced barometer, 30.24 7 a. m. 30.17 7 p. m.
River gage, 2.4 Feet.
Relative humidity, 94 7 a. m. 71 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

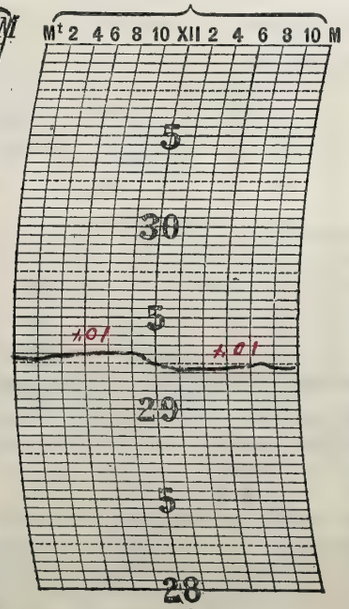
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.7 Wet temperature, 46.9
Dew-point, 36 R. humidity, 42 V. pressure, 211
Clouds: Amount, 2; Kind, Ast; Direction, NNW
Velocity of clouds (miles per hour)

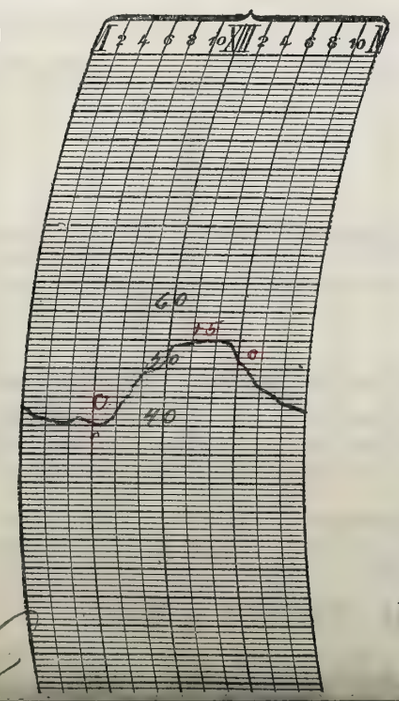
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A heavy deposit of dew was observed on the ground this morning. A portion of a faint solar halo of 22° radius was observed from 3:00 p.m. until about 4:15 p.m.

Prepared by
Verified by P. McDonough

Form No. 1011—Rev.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV - 1 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	40	39	39	39	41	45	49	53	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear →						← Pt Cldy →		← Cloudy			
Sunrise: Time, Character,	6:12 Cloudy											
Moonrise:	8:20p Cloudy											
Sunshine (in tenths of hours)							0	0	0	0.4	0.4	0.1
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	11	12	10	11	10	11	10	10	9	10	8	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	59	56	55	56	56	57	56	58	60	60
State of weather: Nature of precipitation and time of beginning and ending			RB 2:10		RE 4:21			RB 7:46			RE 10:45	
Amounts of precipitation			T	.07	.01			.08	.17	.09	.04	
Cloudiness and other conditions	← Cloudy →					← Pt Cldy →		← Cloudy →				
Sunset: Time, Character,									4:37 Cloudy			
Moonset:									3:06a			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	SE	SE	S	S
Wind movement	8	8	8	6	7	10	11	9	11	7	13	11
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

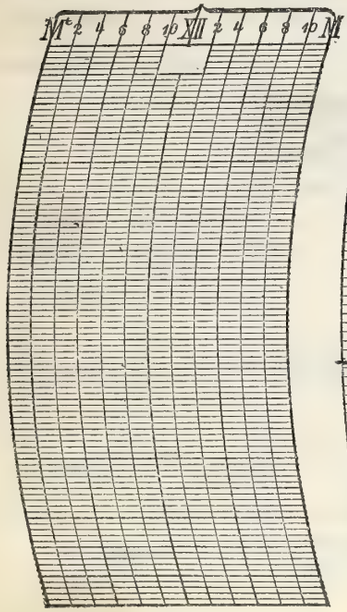
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	39	50	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .46 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0.9 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 9
Prevailing wind direction, E Total wind 231
Average hourly velocity, 9.6 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 8:14 p.m.
Reduced barometer, 30.10 7 a. m. 29.93 7 p. m.
River gage, 2.4 Feet
Relative humidity, 84 7 a. m. 69 7 p. m.

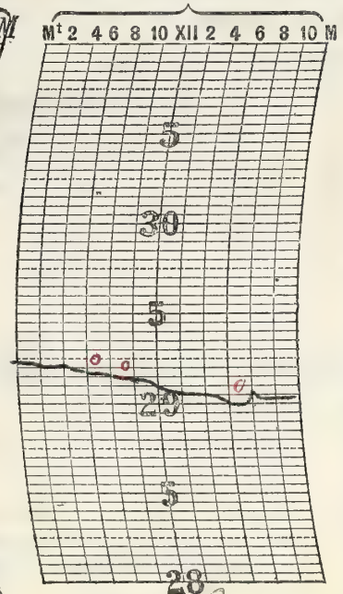
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.3 Wet temperature, 46.7
Dew-point, 36 R. humidity, 48 V. pressure, .211
Clouds: Amount, 9; Kind, AST; Direction, NW
Velocity of clouds (miles per hour)

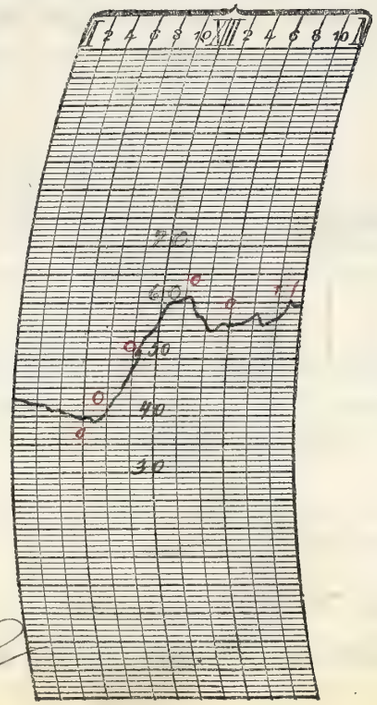
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew on the ground at the morning observation.
A cloudy day with moderate temperatures and a light shower in the afternoon and light rain at night.

Prepared by COB
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV - 2 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	53	53	55	59	59	58	57	55	55	58	59
State of weather. Nature of precipitation and time of beginning and ending	RB DNA	RE DNA										
Amounts of precipitation	.01	.01										
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, Character,	6:13	Cloudy										
Moonrise:	3:48p	Cloudy										
Sunshine (in tenths of hours)							0	0	0	0	0.4	0.2
Wind direction	S	SW	S	S	S	SW	SW	SW	SW	SW	SW	W
Wind movement	14	5	4	10	16	17	15	14	15	17	16	16
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	60	60	59	59	57	56	56	55	55	55	55
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, Character,												
Moonrise:												
Sunset: Time, Character,									4:26	Cloudy		
Moonset:									4:02a			
Sunshine (in tenths of hours)	0.1	0.4	0	0	0							
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	18	17	16	10	8	11	9	11	11	10	9	11
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	53	56	

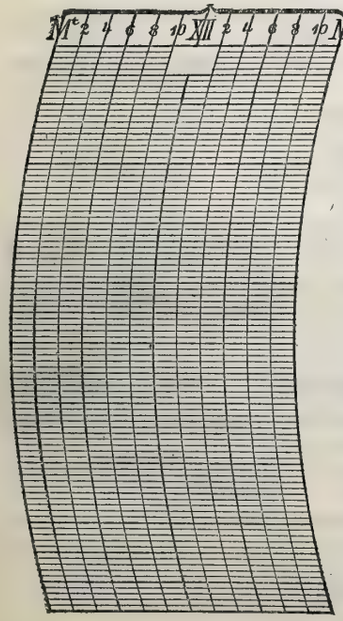
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .40 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.1 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 11
Prevailing wind direction, W Total wind 300
Average hourly velocity, 12.5 Extreme velocity, 31
Maximum velocity, 27 Direction, SW
Time began, 12:44 a.m.
Reduced barometer, 29.92 7 a. m. 30.13 7, p. m.
River gage, 2.4 Feet
Relative humidity, 72 7 a. m. 84 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

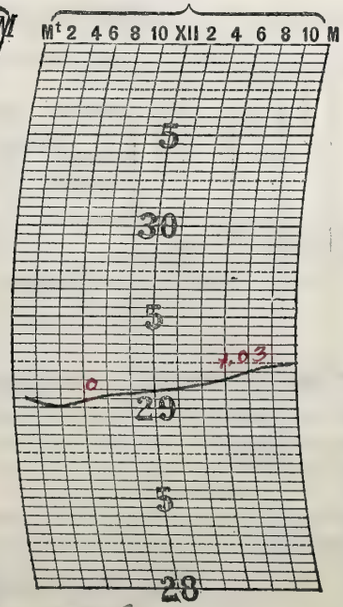
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.8 Wet temperature, 53.0
Dew-point, 48 R. humidity, 69 V. pressure, .334
Clouds: Amount, 9; Kind, St.Cu.; Direction, W.
Velocity of clouds (miles per hour)

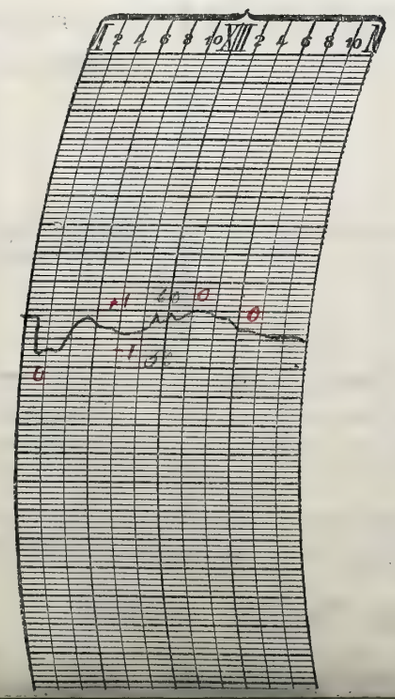
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperature. The moon was obscured by heavy clouds at night.

Prepared by CAB
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV -3 1922, 192

Time (local standard). 90° mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	54	54	54	53	52	53	55	56	58	57	58	58	58	58	57	57	57	56	56	56	55	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Pt. Cldy			× Cloudy						Cloudy								
Sunshine (in tenths of hours)							0	0	0.7	0.8	0.3	0	0	0	0	0	0							
Wind direction	W	NW	W	W	W	W	W	W	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	10	9	8	8	6	4	7	6	7	9	9	9	9	7	6	7	4	4	3	5	3	3	3	3
Maximum velocities (exceeding 19 miles) direction and time																								

Sunrise: Time, 6:15 Character, Cloudy
Moonrise: 4:20p Cloudy
Sunset: Time, 4:35 Character, Cloudy
Moonset: 4:59a

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

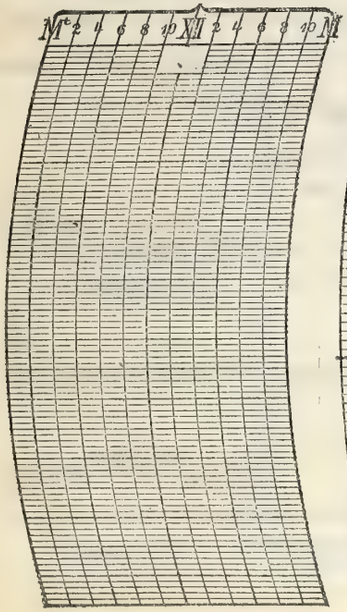
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	52	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.8 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 17
Prevailing wind direction, N Total wind 142
Average hourly velocity, 6.2 Extreme velocity, 15
Maximum velocity, 14 Direction, NW
Time began, 12:59 a.m.
Reduced barometer, 30.32 7a. m. 30.27 7p. m.
River gage, 24 feet
Relative humidity, 94 7a. m. 66 7p. m.

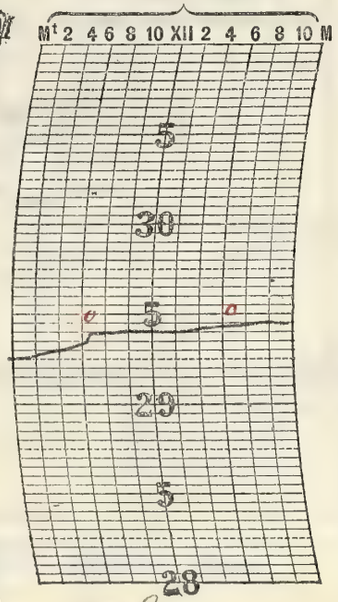
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.6 Wet temperature, 52.2
Dew-point, 48 R. humidity, 70 V. pressure, 334
Clouds: Amount, 10; Kind, St.Cu.; Direction, NW
Velocity of clouds (miles per hour)

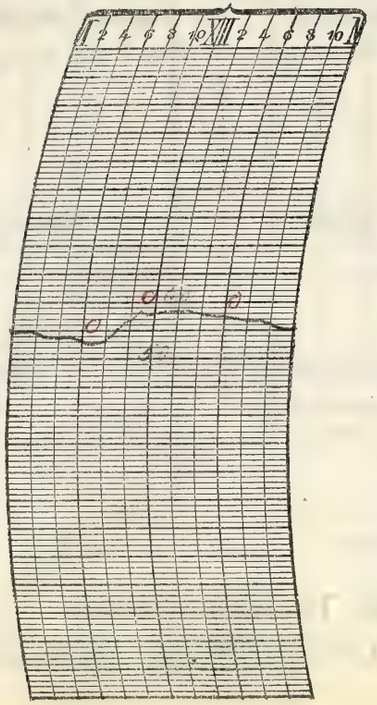
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperature. The moon was obscured by clouds at night.

Prepared by COS
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Ford Wayne, Ind., (Day of week) Saturday, (Date) NOV 4 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	54	54	54	54	53	53	55	57	59	57	58	57	57	56	55	54	52	52	51	50	48	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Cloudy						← Cloudy										→	

Sunrise: Time, 6:16 Character, Cloudy
Moonrise: 4:53p Cloudy

Sunset: Time, 4:34 Character, Cloudy
Moonset: 5:52a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	N	NE	NE	NE	NE	NE	E	SE	SE	SE	S	S	S	SE	SE	SE	SE	E	E	SE	SE	SE
Wind movement	5	3	3	3	3	2	3	3	4	5	7	7	7	5	7	5	3	3	6	7	7	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

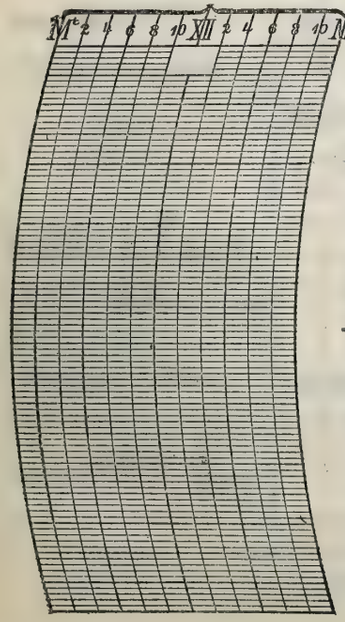
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	46	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, Full 12:36p
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind 11.5
Average hourly velocity, 4.8 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 2:29 p.m.
Reduced barometer, 30.40 7 a. m. 30.24 7, p. m.
River gage, 2.4 Feet
Relative humidity, 85 7 a. m. 75 7 p. m.

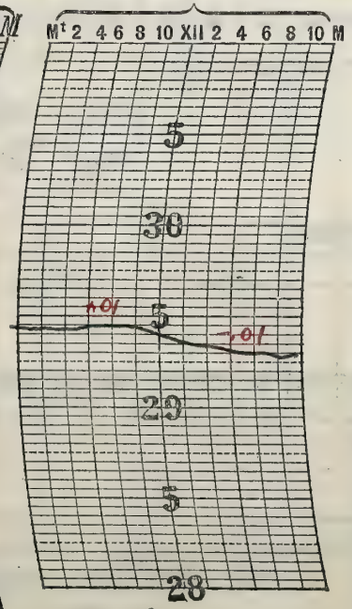
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.8 Wet temperature, 50.8
Dew-point, 46 R. humidity, 66 V. pressure, .210
Clouds: Amount, 10; Kind, St Cu.; Direction, S
Velocity of clouds (miles per hour)

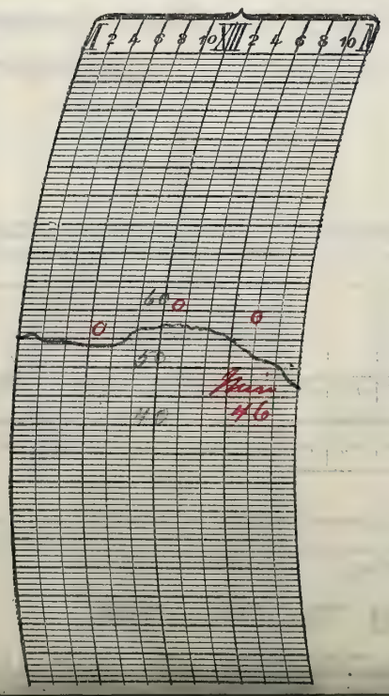
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperature.
The moon shone faintly through thin clouds and a faint lunar halo of 22° radius was observed from 7:40 p.m., until 9:55 p.m.

Prepared by CBS
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV -5 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	43	42	43	43	48	53	58	61	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy				Cloudy	
Sunshine (in tenths of hours)							0	0	0.3	1.0	0.9	1.0
Wind direction	E	SE	SE	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	5	5	4	5	3	4	3	6	7	9	11	11
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 6:17 Character, Cloudy
Moonrise: 5:30p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	68	68	66	65	63	63	63	61	61	60	57
State of weather: Nature of precipitation and time of beginning and ending								RB 7:40		RE 9:45	RB DNP	
Amounts of precipitation								T	.05	T	.01	.42
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.4	1.0	0.7	0.4	0							
Wind direction	S	S	S	S	S	SE	SE	S	S	S	S	SW
Wind movement	10	11	10	10	9	12	12	12	13	15	13	10
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 4:32 Character, Cloudy
Moonset: 6:54a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	42	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .48 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.7 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 56
Prevailing wind direction, S Total wind 210
Average hourly velocity, 8.8 Extreme velocity, 15
Maximum velocity, 16 Direction, S
Time began, 9:15 p.m.
Reduced barometer, 30.16 7 a. m. 29.97 7, p. m.
River gage, 2.4 Feet
Relative humidity, 85 7 a. m. 72 7 p. m.

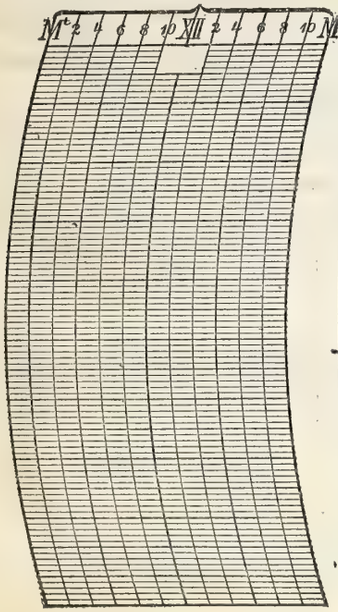
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

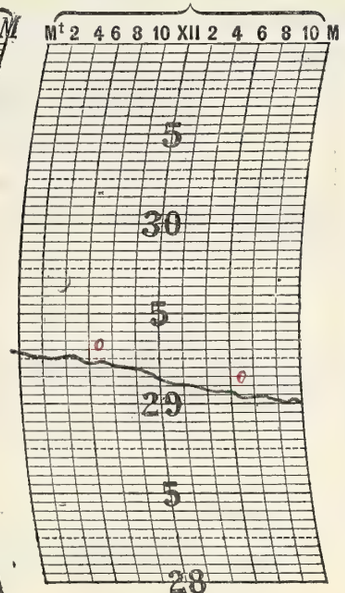
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.5 Wet temperature, 60.0
Dew-point, 58 R. humidity 82 V. pressure, 481
Clouds: Amount, 8; Kind, AST; Direction, SW
Velocity of clouds (miles per hour)

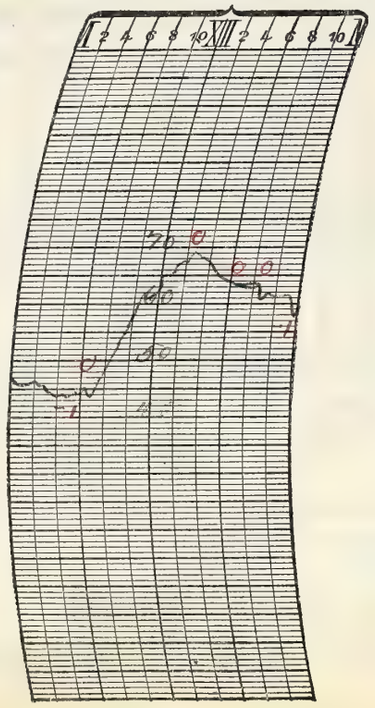
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy though warm pleasant day.
A heavy dew deposit occurred during the night of the a. m.

Prepared by CDS
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV -6 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	61	61	60	60	60	60	58	57	57	57	56
Nature of precipitation and time of beginning and ending	RE ONA											
Amounts of precipitation	.02											
Cloudiness and other conditions	← PtClDy × Clear × PtClDy × — Clear →											
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	12	14	19	15	14	15	19	20	25	25	22

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	55	53	51	50	49	48	46	45	44
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	.52 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW
Wind movement	21	20	19	18	13	11	8	10	10	10	10	12

Sunrise: Time, 6:18; Character, Cloudy. Moonrise: 6:11p; Clear.

Sunset: Time, 4:31; Character, Clear. Moonset: 2:57a; Cloudy.

Maximum velocities (exceeding 27 miles) direction and time: 31 SW 10:45

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .50 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.1 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 89

Prevailing wind direction, SW Total wind 370

Average hourly velocity, 15.4 Extreme velocity, 34

Maximum velocity, 31 Direction, SW

Time began, 10:15 a.m.

Reduced barometer, 29.90 7 a. m. 29.98 7 p. m.

River gage, 2.5 Feet

Relative humidity, 86 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

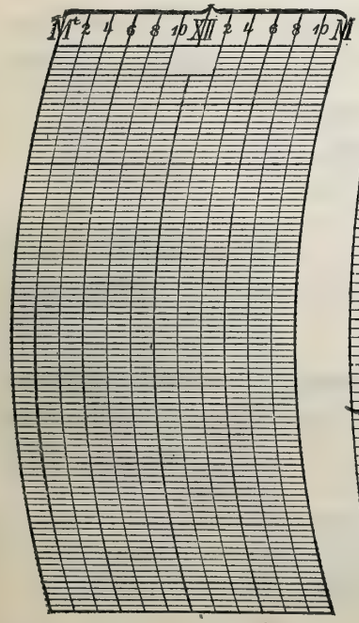
Dry temperature, 57.0 Wet temperature, 53.7

Dew-point, 51 R. humidity, 81 V. pressure, .323

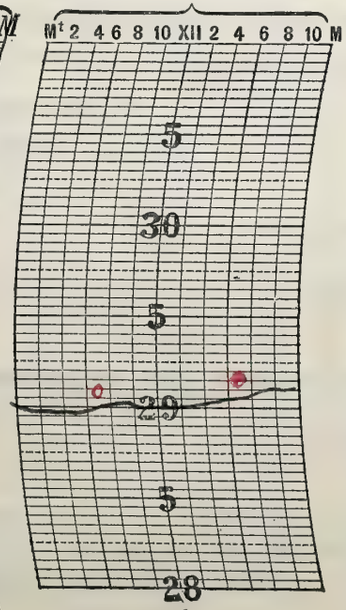
Clouds: Amount, 4; Kind, Cist; Direction, W.

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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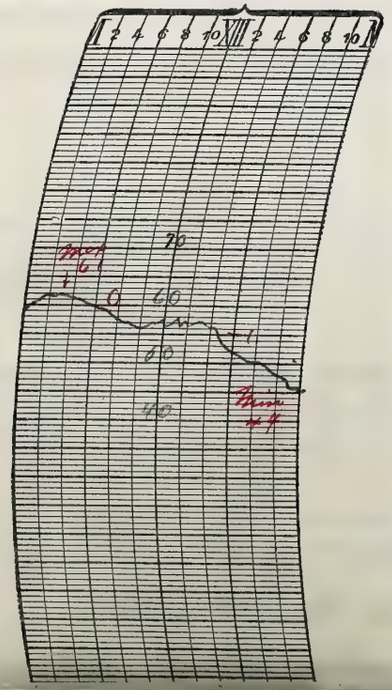


NOTES.

A clear day with moderate temperatures. The night was marked with bright moonlight

Prepared by CCS

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV -7 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	40	39	38	38	41	45	49	51	52	54	54	55	53	51	48	48	48	47	47	46	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear								Clear →									
Sunshine (in tenths of hours)							0.68 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	10	11	11	11	10	11	11	14	14	16	21	26	25	23	21	18	14	12	11	10	10	8	15	13
Maximum velocities (exceeding 29 miles) direction and time												32 SW 11:23												

Sunrise: Time, 6:19 Character, Clear
Moonrise: 6:57p Clear

Sunset: Time, 4:50 Character, Clear
Moonset: 8:42a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

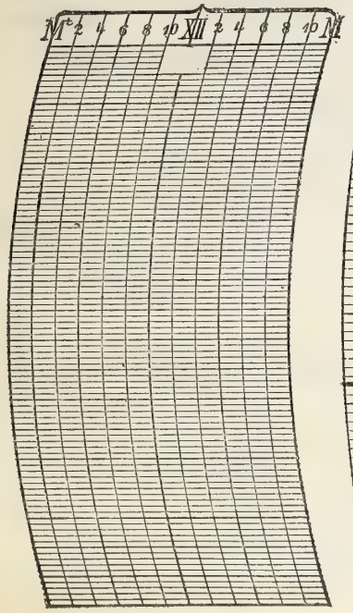
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	38	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.2 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 346
Average hourly velocity, 14.4 Extreme velocity, 33
Maximum velocity, 32 Direction, SW
Time began, 11:23a.m.
Reduced barometer, 30.08 7 a. m. 30.02 7 p. m.
River gage, 2.4 Feet
Relative humidity, 83 7 a. m. 80 7 p. m.

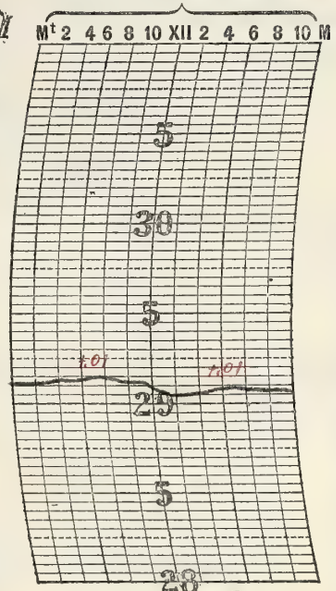
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.6 Wet temperature, 48.0
Dew-point, 43 R. humidity, 72 V. pressure, 277
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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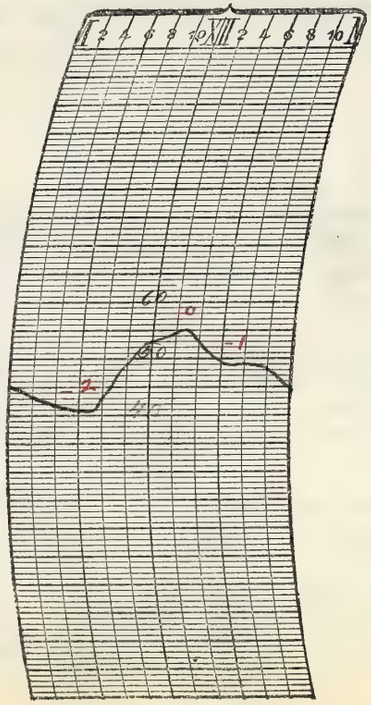


NOTES.

A clear and cool though very pleasant day. The night was resplendent with bright moonlight

Prepared by CDS
Verified by C. McDonough

8—486

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV - 8 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	41	41	41	41	41	42	43	44	45
State of weather. Nature of precipitation and time of beginning and ending					RBRE DNA			RB 7:12	RE 8:01			RB 11:43
Amounts of precipitation					T			T	T			T
Cloudiness and other conditions							← Cloudy					
Sunshine (in tenths of hours)							0	0	0	0.1	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	11	11	12	14	12	13	12	14	15	15	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	45	45	45	44	43	43	42	40	40
State of weather. Nature of precipitation and time of beginning and ending	RE 12:55		RB 2:00 RE 2:23	RB 3:00	RE 4:30	RB 5:30		RE 7:11				
Amounts of precipitation	T		T	T	T	T	T	T				
Cloudiness and other conditions			← Cloudy					→				
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	15	14	14	12	12	10	9	14	10	10	7	8

Sunrise: Time, 6:21 Character, Cloudy
Moonrise: 7:49p Cloudy
Sunset: Time, 4:22 Character, Cloudy
Moonset: 9:40a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

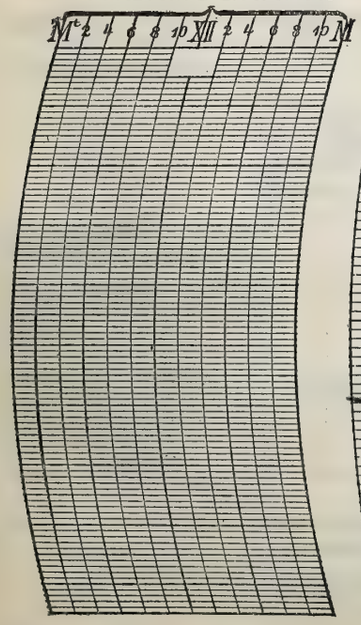
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	40	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 1
Prevailing wind direction, W. Total wind 289
Average hourly velocity, 12.0 Extreme velocity, 24
Maximum velocity, 20 Direction, NW.
Time began, 7:01 p.m.
Reduced barometer, 30.02 7 a. m. 30.17 7 p. m.
River gage, 2.4 Feet.
Relative humidity, 90 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.6 Wet temperature, 44.1
Dew-point, 43 R. humidity, 89 V. pressure; 277
Clouds: Amount, 10; Kind, St Cu; Direction, N.W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



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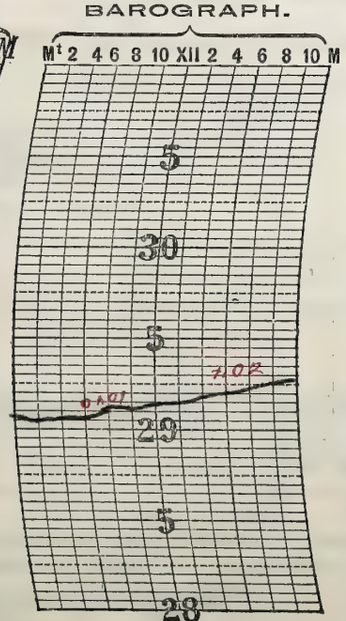

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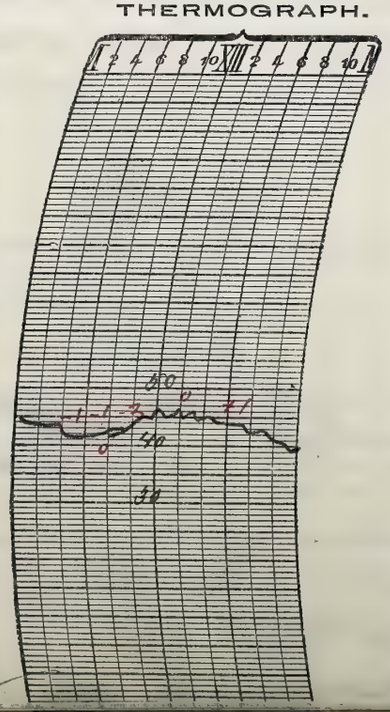


NOTES.

A cloudy and cool day with intermittent showers throughout. The clouds broke about 8:00 p.m. and from nine o'clock on there was bright moonlight.

Prepared by GCB

Verified by P. McDonough

Verified by C. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV -9 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	36	35	35	34	34	34	36	39	39	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunrise: Time, Character,	6:22 Clear											
Moonrise:	8:42p Clear											
Sunshine (in tenths of hours)							0.3 0	1.0 0	0.1 0.8	0.8	0.1	0.7
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	8	7	7	7	8	5	6	7	8	7	9	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	37	37	36	36	36	36	35	35	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				Pt. Cloudy			Clear				
Sunrise: Time, Character,									Sunset: Time, Character, 4:28 Clear			
Moonrise:									Moonset: 11:17a Cloudy			
Sunshine (in tenths of hours)	0.2	0	0	0	0							
Wind direction	NW	NW	NW	NW	N	N	NW	NW	N	NE	NE	NE
Wind movement	5	6	7	7	5	4	5	3	1			
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	34	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.5 Possible sunshine, hours, 10.1
Per cent of possible sunshine,
Prevailing wind direction, NW Total wind
Average hourly velocity, Extreme velocity,
Maximum velocity, 11 Direction, NW
Time began,
Reduced barometer, 30.36 7 a. m. 7 p. m.
River gage, 2.4 Feet.
Relative humidity, 94 7 a. m. 91 7 p. m.

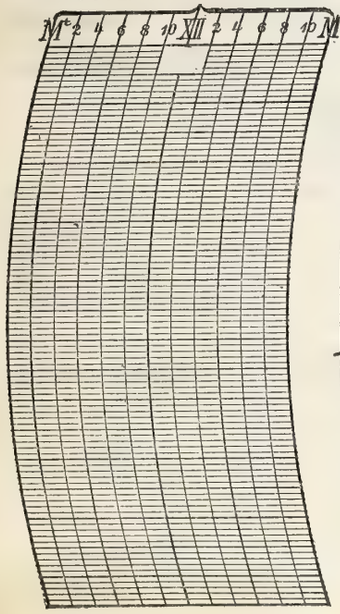
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

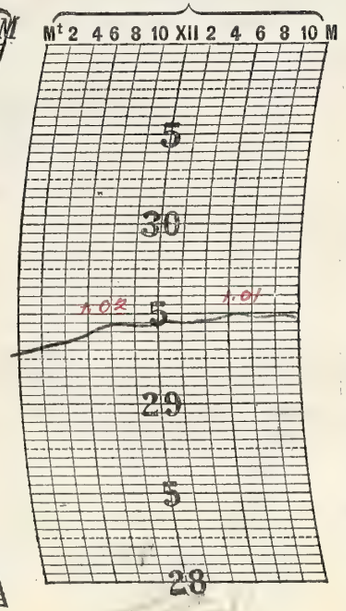
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.2 Wet temperature, 38.2
Dew-point, 37 R. humidity, 92 V. pressure, .217
Clouds: Amount, 8; Kind, Cu.; Direction, NW.
Velocity of clouds (miles per hour)

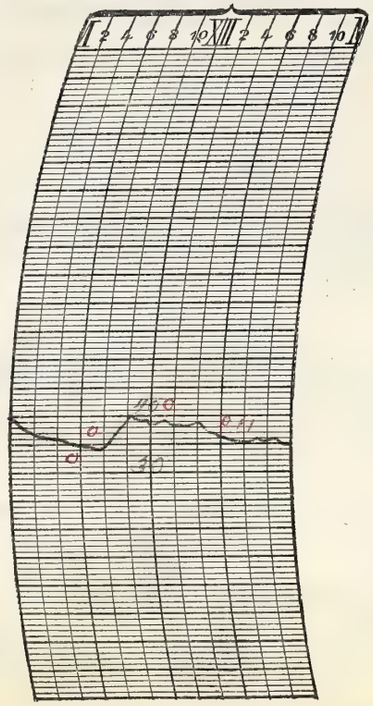
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A frosty and moonlight morning.
A frosty cloudy and chilly morning. Pleasant day.
The night was clear and frosty with bright moonlight

Prepared by
Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) NOV 10 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	32	33	33	34	[illegible]	36	39	44	49	52
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear			Cl.	Cl.
Sunrise: Time, Character,	6:48											
Moonrise:	8		Clear									
Sunshine (in tenths of hours)							.62 0	1.0 0	0.5 0.4	1.0	[illegible]	[illegible]
Wind direction	NE	SE	SE	SE	SE	S	S	S	S	SW	SW	SW
Wind movement	1	2	1	3	5	6	7	7	11	12	13	11
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	54	55	51	49	48	47	46	44	43	43
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear		Pt. Cldy			Clear						
Sunset: Time, Character,									4:48	Cloudy		
Moonset:									11:42	Cl.		
Sunshine (in tenths of hours)	1.0	0.8	0.3	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW
Wind movement	12	11	12	11	8	8	7	7	10	10	9	9
Maximum velocities (exceeding [illegible] miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	32	44	

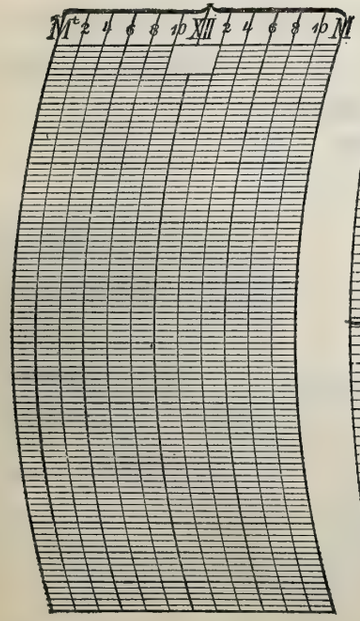
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 2.6 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 25
Prevailing wind direction, SW Total wind 193
Average hourly velocity, 8.1 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 2:00 p.m.
Reduced barometer, 30.44 7 a. m. 30.26 7, p. m.
River gage, 4.4 rise
Relative humidity, [illegible] a. m. 75 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

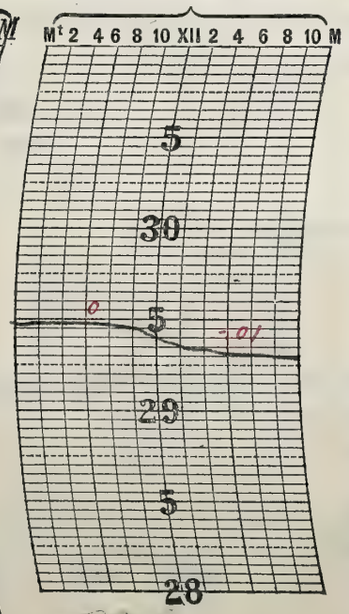
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.6 Wet temperature, 47.8
Dew-point, 45 R. humidity, 82 V. pressure, [illegible]
Clouds: Amount, 6; Kind, C. St.; Direction, W.
Velocity of clouds (miles per hour)

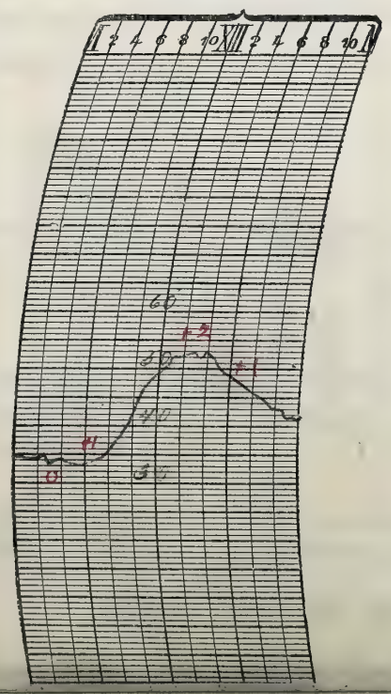
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and [illegible] morning. Faint solar halo of 22° degrees radius observed from 11:00 a.m. until 2:40 p.m.

A clear and cool day with rising temperature. The night was marked with medium bright light of a decreasing moon in a clear sky.

Prepared by

Verified by P. McDonough

Form No. 1001 Rev.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

NOV 11 1922

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) _____, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	43	43	46	47	48	51	53	57	58	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cloudy			Cloudy		
Sunrise: Time, Character, 6:24 Cloudy												
Moonrise: 10:51 p												
Sunshine (in tenths of hours)							0	0	0	0.3	0.1	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	11	12	12	15	14	14	16	17	18	18	19
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	57	56	55	55	55	54	53	54	53
State of weather: Nature of precipitation and time of beginning and ending			RB 2:40	RE 3:15		RB 5:30	RE 6:23	RB 7:10		RE 9:05		RB DNE
Amounts of precipitation			T	T		T	.01	T	T	T		.01
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,												
Moonrise:												
Sunset: Time, Character, 4:26 Cloudy												
Moonset: 12:20 a Cloudy												
Sunshine (in tenths of hours)	0.1	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	16	16	16	13	12	11	11	5	3	5	3	3
Maximum velocities (exceeding 22 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

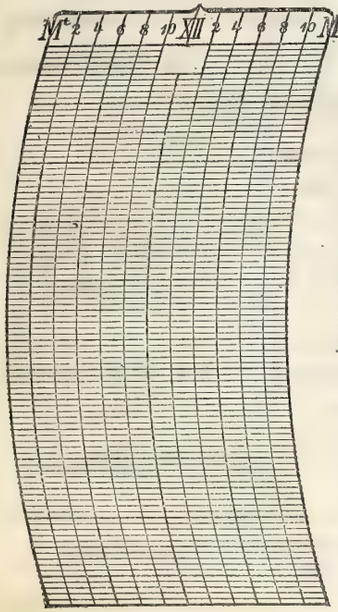
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	42	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.5 Possible sunshine, hours, 10.0
Per cent of possible sunshine, _____
Prevailing wind direction, SW Total wind 288
Average hourly velocity, 12.0 Extreme velocity, 25
Maximum velocity, 24 Direction, SW
Time began, 9:45 a.m.
Reduced barometer, 30.21 7 a. m. 30.17 7 p. m.
River gage, 2.4 Feet
Relative humidity, 8 7 a. m. 6 7 p. m.

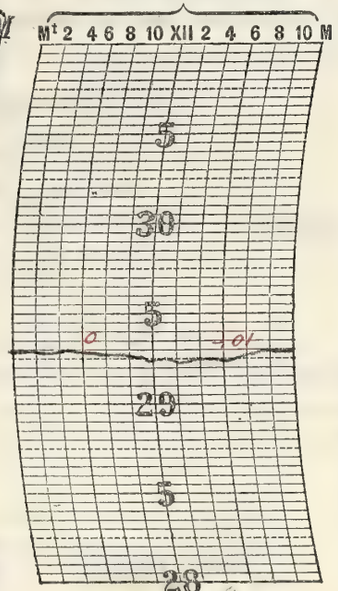
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 56.3
Dew-point, 54 R. humidity, 80 V. pressure, .417
Clouds: Amount, 8; Kind, Ast.; Direction, NW
Velocity of clouds (miles per hour) _____

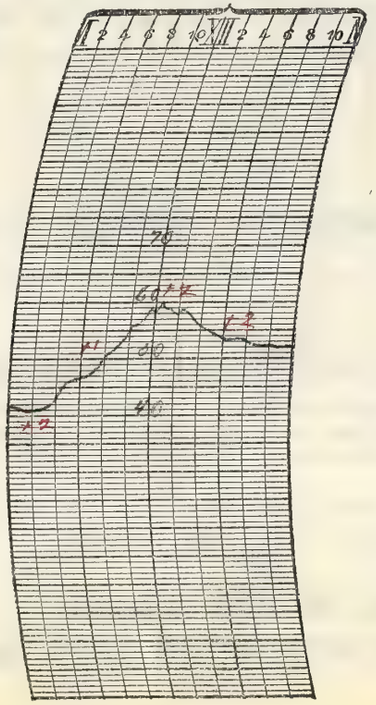
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures and light showers in the afternoon and night.

Prepared by _____
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 12 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	54	54	53	53	52	53	54	56	56	56	54	50	47	46	46	46	44	45	44	42	42	44
State of weather. Nature of precipitation and time of beginning and ending						RE DNR									RB 2:05 HE 2:20			RB 5:25						
Amounts of precipitation	.01	T	T	T	.01	T									T			T	.04	.03	.01	.03	.01	.01
Cloudiness and other conditions							PA	Clds		Cloudy						Cloudy								

Sunrise: Time, 6:25 Character, Cloudy
Moonrise: 11:57 P

Sunset: Time, 4:25 Character, Cloudy
Moonset: 12:40 P Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	E	E	E	E	E	E	E	NE	NE	NE	E	E	E	E	E
Wind movement	3	2	1	2	3	1	2	2	4	6	16	12	12	16	17	22	19	22	20	18	18	16	12	15
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

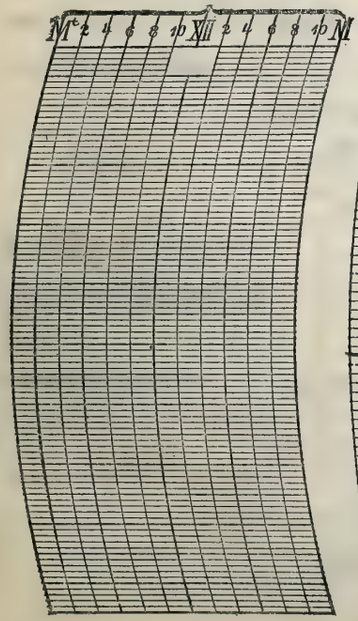
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	42	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase, 4 days
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 85
Average hourly velocity, 4.5 Extreme velocity, 30
Maximum velocity, 28 Direction, E
Time began, 5:03 p. m.
Reduced barometer, 30.28 7 a. m. 30.10 7, p. m.
River gage, 2.4 Feet
Relative humidity, 94 7 a. m. 96 7 p. m.

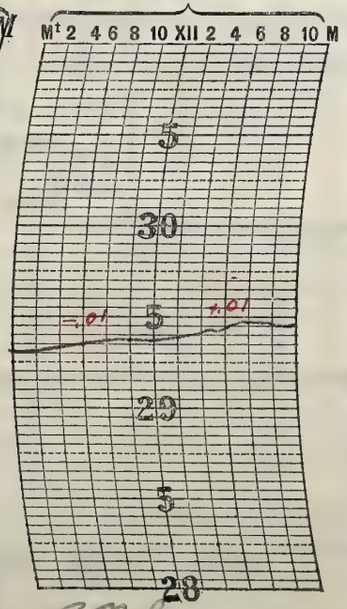
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.6 Wet temperature, 53.6
Dew-point, 53 R. humidity, 88 V. pressure, .
Clouds: Amount, 10; Kind, St-Cu; Direction, NE
Velocity of clouds (miles per hour)

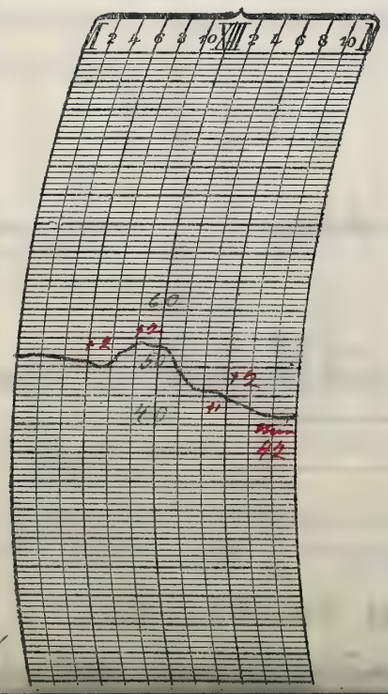
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog began — 10 M. a.
Light fog ended — 6:15 a.m.
A cloudy day with moderate temperatures and occasional light showers.

Prepared by C.C.S.
Verified by P. McDonough

Form No. 1011—Mod.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 13 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	42	42	41	41	43	42	43	42	42	43	44	44	45	45	45	45	46	45	46	46	49	49
State of weather: Nature of precipitation and time of beginning and ending													RE 12-1											
Amounts of precipitation	T	T	.01	0	T	T	.01	.01	.03	.01	.05	T	T											
Cloudiness and other conditions							Cloudy								Cloudy									
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	SE
Wind movement	12	11	13	14	14	14	13		13	12	13	12	10	10	9	9	10	9	8	7	8	5	4	4
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 6:26 Character, Cloudy
Moonrise:
Sunset: Time, 4:25 Character, Cloudy
Moonset: Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

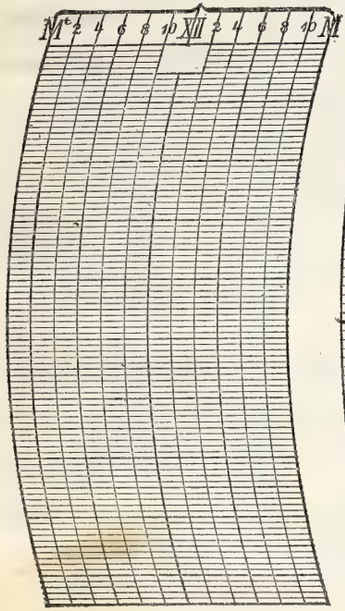
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	41	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 342
Average hourly velocity, 10.4 Extreme velocity, 3
Maximum velocity, 13 Direction, E
Time began, 7:15 a.m.
Reduced barometer, 30.41 7 a. m. 30.26 7, p. m.
River gage, 2.4 feet.
Relative humidity, 94 7 a. m. 83 7 p. m.

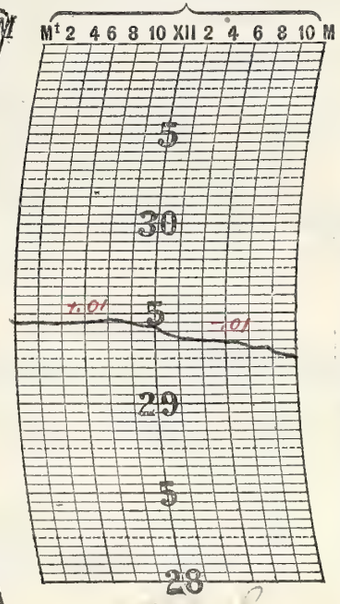
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.6 Wet temperature, 44.1
Dew-point, 41.8 R. humidity, 76 V. pressure, .266
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

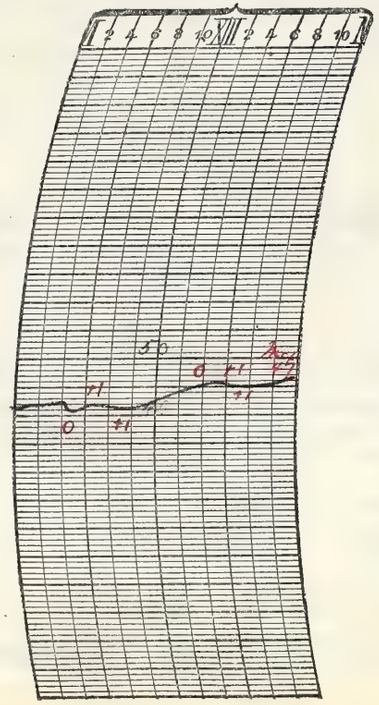
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cool day with light rain during the morning hours.

Prepared by

Verified by C. M. Demorest

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 14 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	54	55	55	56	57 RB DNR	56	56	56	56	57	57 RE 11:50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation						.01	T	.02	.02	.02	.01	T
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 6:28 Character, Cloudy												
Moonrise: none												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	S	S	S	S	S	S	S	S	SW	SW
Wind movement	3	5	8	10	9	11	11	13	12	15	15	16
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55 RB 12:20	53	52	51	51	50	48 RE 6:10	47 RB 7:12 RE 9:41	45	43	43	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T	.02	.01	T	.03	.01	T				
Cloudiness and other conditions			Cloudy						Pt Cldy	Clear		
Sunset: Time, 4:24 Character, Cloudy												
Moonset: 1:45 Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	W	W	W	SW	W	W	W	W	NW	W	W
Wind movement	15	12	10	9	8	9	11	11	13	10	8	9
Maximum velocities (exceeding 20 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	40	48	

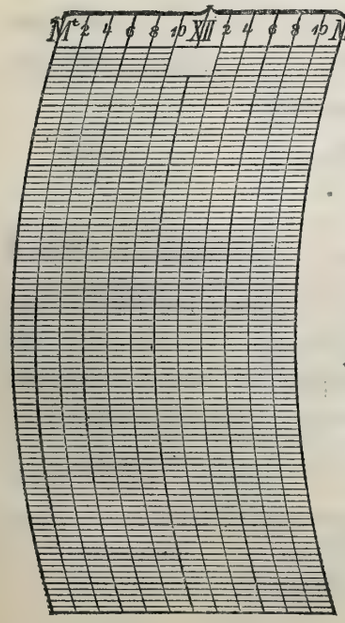
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours,
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind
Average hourly velocity, 6 Extreme velocity,
Maximum velocity, 17 Direction, SW
Time began, 12:27 p.m.
Reduced barometer, 30.05 7 a. m. 30.00 7, p. m.
River gage, 2.4 Fall
Relative humidity, 88 7 a. m. 93 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

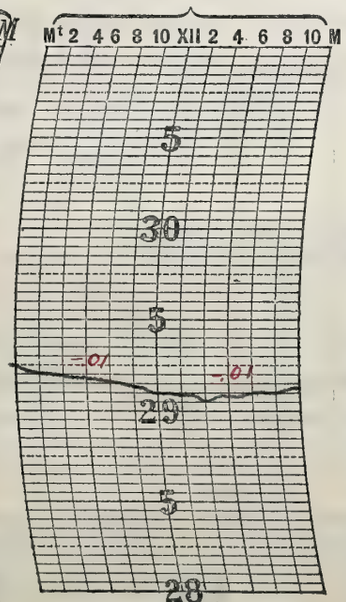
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 56.5
Dew-point, 56 R. humidity, 94 V. pressure,
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

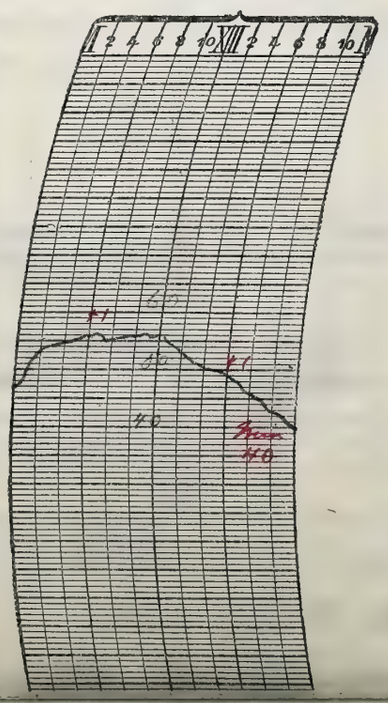
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with decreasing temperature and light rain during the majority of the night.

Prepared by CDS

Verified by P. McDonough

Form No. 1011 M.T.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 15 1922, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	37	36	35	[illegible]	[illegible]	39	41	42	41	41	40	40	40	40	39	39	38	38	37	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear			Cldy			Cloudy											
Sunshine (in tenths of hours)							.52 0	1.0 0	0.2 0.8	1.0	1.0	0	0	0	0	0	0							
Wind direction	W	W	W	W	SW	SW	SW	SW	W	W	W	NW	NW	NW	W	W	NW	NW	W	W	W	W	W	[illegible]
Wind movement	9	11	7	7	11	11	7	8	11	13	16	[illegible]	13	13	12	11	14	11	12	10	12	12	10	[illegible]
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 6:29; Character, Clear. Moonrise: 2:00a

Sunset: Time, 4:23; Character, Cloudy. Moonset: 2:37p; Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

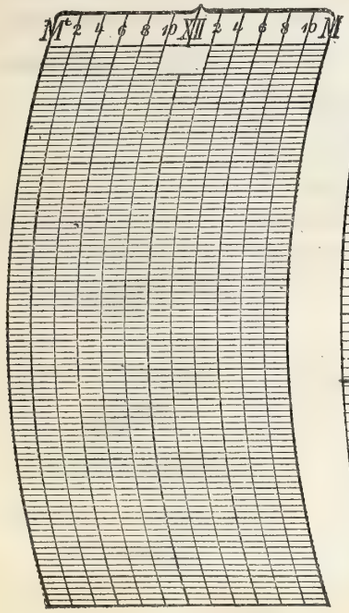
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	35	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.5 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 49
Prevailing wind direction, W Total wind
Average hourly velocity, 11.3 Extreme velocity, 22
Maximum velocity, 24 Direction, W
Time began, 10:30a.m.
Reduced barometer, 30.07 7 a. m. 30.27 7, p. m.
River gage, 2.05 Rise
Relative humidity, 7 a. m. 81 7 p. m.

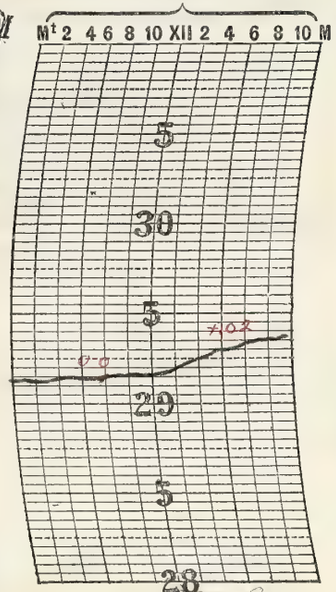
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 36.0
Dew-point, 31 R. humidity, 68 V. pressure, 172
Clouds: Amount, 10; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

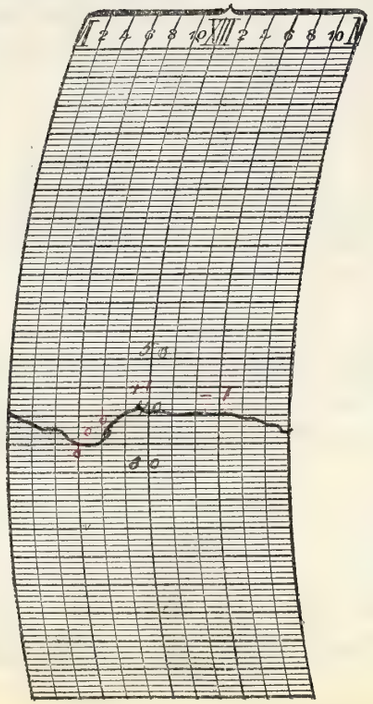
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fearfully cloudy and rather chilly and rainy day

Prepared by

Verified by P. W. Donough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) Nov 14 1912, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	36	35	34	35	36	37	39	40	42	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							4:30 Cldy					
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	11	9	7	10	8	7	6	6	7	10	12	13
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	47	45	44	42	41	40	39	38	38	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.37							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	13	13	18	11	9	8	7	11	11	13	12
Maximum velocities (exceeding 22 miles) direction and time												

Sunrise: Time, 6:30 Character, Cloudy
Moonrise: 3:29a

Sunset: Time, 4:22 Character, Clear
Moonset: 3:07p Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	34	40.5	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 8.2 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 83
Prevailing wind direction, SW Total wind 239
Average hourly velocity, 10.0 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 12:55 a.
Reduced barometer, 30.33 7 a. m. 30.35 7 p. m.
River gage, 2.4 Feet
Relative humidity, 78 7 a. m. 7 p. m.

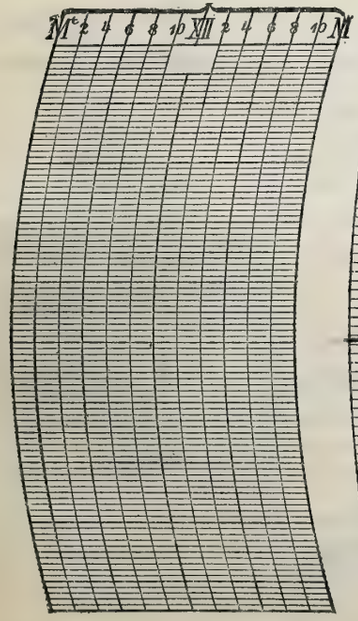
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

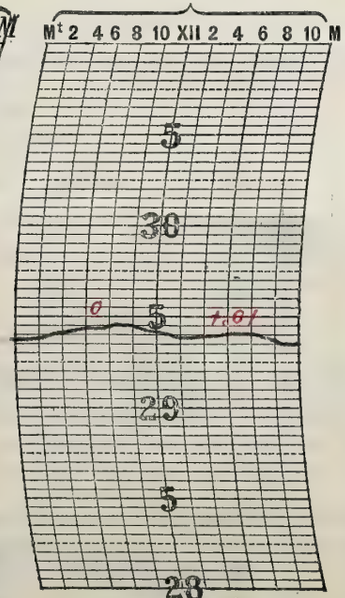
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.8 Wet temperature, 39.3
Dew-point, 34 R. humidity, 68 V. pressure, .196
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

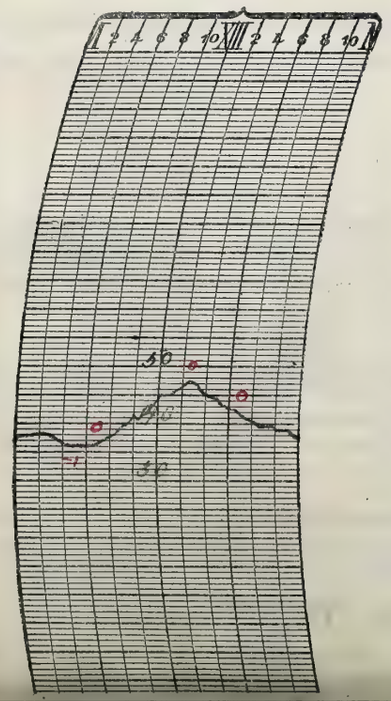
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with moderately low temperature and the night was clear and chilly

Prepared by

Verified by C. McDonough

Form No. 1011—Mo(7).

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) NOV 17 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	35	35	35	36	38	40	43	48	49	51	52	53	51	50	49	48	49	49	49	48	47
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:23 RE 6:52			RB 9:05 RE 9:48		
Amounts of precipitation																			T			T		
Cloudiness and other conditions							← Pt. Cloudy								Pt. Cloudy				Cloudy					
Sunshine (in tenths of hours)							0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	0.1	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	11	11	11	13	14	15	15	16	15	15	16	15	15	15	15	11	9	8	10	11	11	9	9	7
Maximum velocities (exceeding 50 miles) direction and time																								

Sunrise: Time, 6:31 Character, Cloudy

Moonrise: 4:40a

Sunset: Time, 4:21 Character, Cloudy

Moonset: 3:48p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	34	44	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 5.8 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 59

Prevailing wind direction, SW Total wind 292

Average hourly velocity, 12.1 Extreme velocity, 20

Maximum velocity, 19 Direction, SW

Time began, 2:22 p.m.

Reduced barometer, 30.26 7 a. m. 30.11 7 p. m.

River gage, 2.25 ft

Relative humidity, 84 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

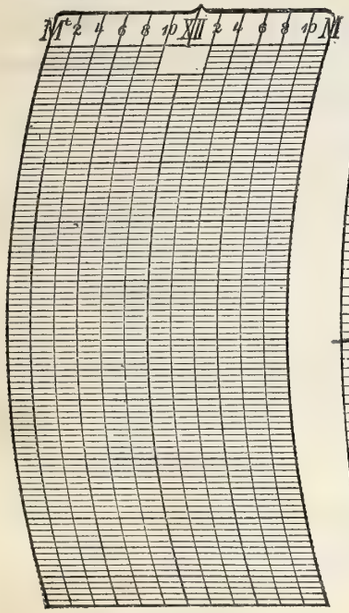
Dry temperature, 49.0 Wet temperature, 42.5

Dew-point, 35 R. humidity, 58 V. pressure, 203

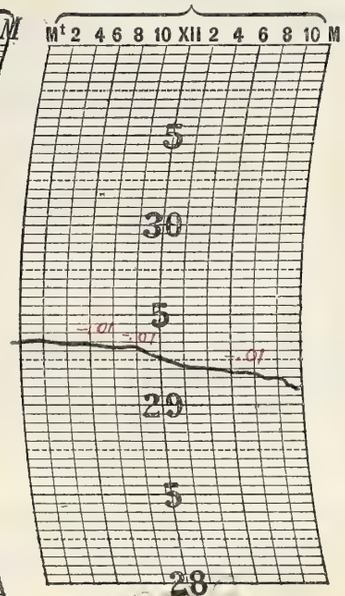
Clouds: Amount, 7; Kind, AST; Direction, NW.

Velocity of clouds (miles per hour)

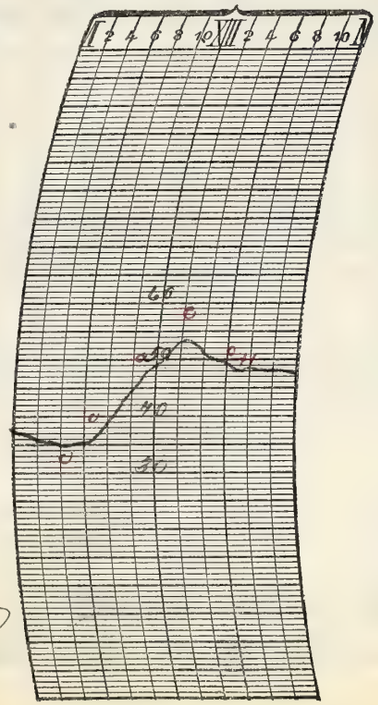
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Special 12:00 Noon (75th Meridian Time) observation called for by the Chicago Office. Report filed at 12:20 p.m. (75th Meridian Time).

A partly cloudy day with moderate temperatures.

Prepared by

Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Port Wayne, Ind., (Day of week) Saturday, (Date) Nov 13 1926, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	46	45	45	45	[illegible]	48	50	51	51	50	50	50	50	49	49	44	[illegible]	45	44	44	43	43
State of weather. Nature of precipitation and time of beginning and ending		1-3 DNH							RE 8:20															
Amounts of precipitation		T	[illegible]	.02	[illegible]	[illegible]	.01	T	T															
Cloudiness and other conditions									Cloudy					Cloudy				Clear		Clear				
Sunrise: Time, 6:32 Character, Cloudy																					Sunset: Time, 4:20 Character, Cloudy			
Moonrise: 5:52 a																					Moonset: 4:32 p Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	SE	S	S	SE	S	SW	SW	SW	SW	W	W	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	5	2	3	6	7	11	16	16	16	13	18	16	16	15	[illegible]	9	9	2	3	9	2	[illegible]	7
Maximum velocities (exceeding 30 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	43	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .22 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, Clear Moon phase, New 6 a.

Average daily cloudiness (0-10), ...

Actual sunshine, hours, 0 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind 242

Average hourly velocity, [illegible] Extreme velocity, [illegible]

Maximum velocity, [illegible] Direction, SW

Time began, 10:45 a

Reduced barometer, 29.82 7 a. m. 29.86 7 p. m.

River gage, 2.5 Feet

Relative humidity, ... a. m. ..... p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

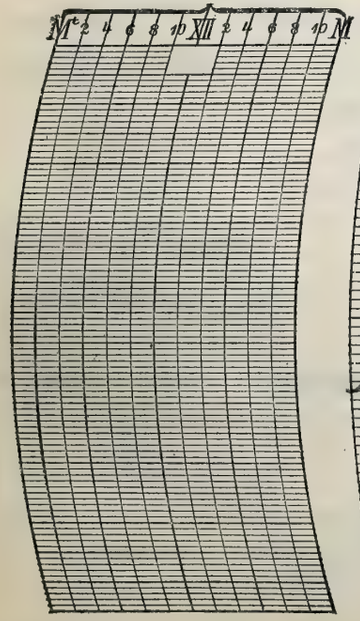
Dry temperature, 50.0 Wet temperature, 46.0

Dew-point, 42 R. humidity, 74 V. pressure, .266

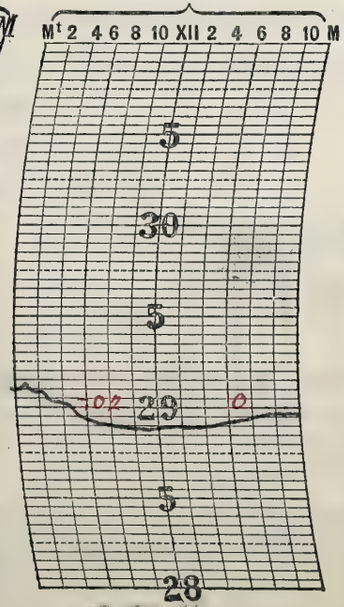
Clouds: Amount, 10; Kind, Sc Cu; Direction, N

Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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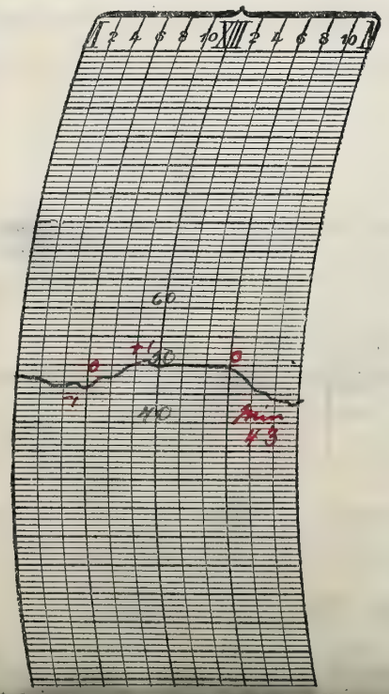


NOTES.

A cloudy day with moderate temperature.

Prepared by .....

Verified by P. McDonough

Form No. 1014—Mo.W.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 13 1932, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	43	42	42	42		43	44	44	45	46
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear	Mdy	Cldy	Cldy	Mdy	
Sunshine (in tenths of hours)							45 0	0.5 0	0	0	0.1	0.2
Wind direction	SW	SW	S	S	S	S	SW	SW	SW	W	SW	W
Wind movement	7	7	5	5	7	10	12	12	15	17	19	21
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	43	42	40	41		36	36	34	33	34
State of weather. Nature of precipitation and time of beginning and ending								RB 7:07		RB DNP		RSR DNP
Amounts of precipitation								T		T	T	T
Cloudiness and other conditions		Clouds										
Sunshine (in tenths of hours)	0.3	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	SW
Wind movement	20	18	17	16	17	19	12	13	18	20	17	16
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 6:33 Character, Clear
Moonrise: 7:00a Clear
Sunset: Time, 4:20 Character, Cloudy
Moonset: 5:20p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	33	40	

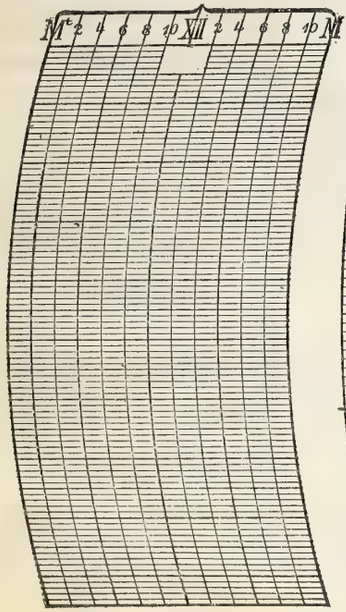
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.8 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 29
Prevailing wind direction, NW Total wind 355
Average hourly velocity, 14.8 Extreme velocity, 28
Maximum velocity, [illegible] Direction, [illegible]
Time began, 12:09 p.m.
Reduced barometer, 29.83 7 a. m. 29.90 7 p. m.
River gage, 2.5 F [illegible]
Relative humidity, 88 7 a. m. 76 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

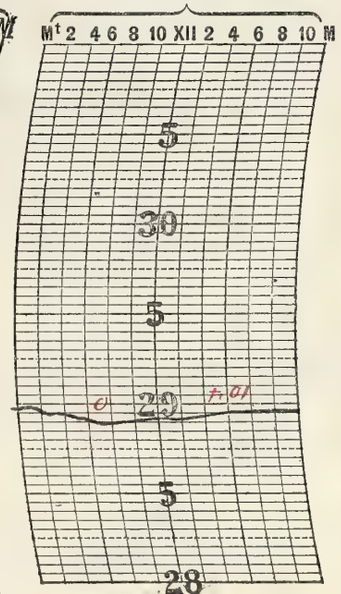
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.0 Wet temperature, 40.2
Dew-point, 34 R. humidity, 66 V. pressure, 195
Clouds: Amount, 8; Kind, Cu; Direction, W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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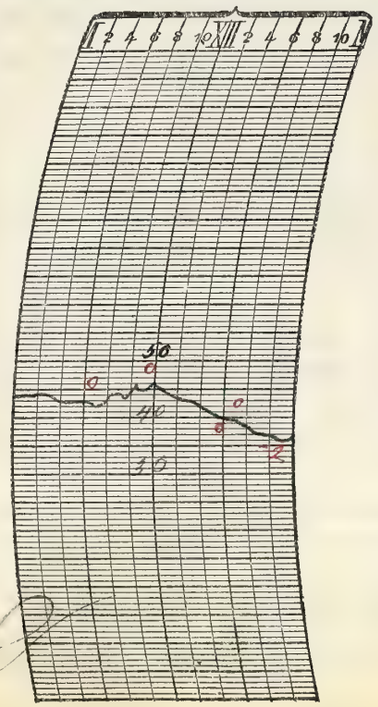


Estimated

NOTES.

A partly cloudy and rainy day. The first snow of the season fell during the night p.m. It was mixed with rain and melted as it fell.

Prepared by

Verified by J. C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Port Wayne, Ind., (Day of week) Monday, (Date) Nov 20 1922, 192

Time (local standard). 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	37	36	36	[illegible]	35	35	36	37	35	35	35	35	35	35	34	34	34	34	32	32	32
State of weather: Nature of precipitation and time of beginning and ending			RB ONA		RE ONA			RB 7:30 RE 8:15	SNB 8:55									SNE 6:13						
Amounts of precipitation			T	0.02	T			T	T	T	T	T	T	T	T	T	T	T						
Cloudiness and other conditions								Cloudy								Cloudy								
Sunrise: Time, 6:35 Character, Cloudy																								
Moonrise: 8:04 a Cloudy																								
Sunset: Time, 4:19 Character, Cloudy																								
Moonset: 6:12 a Cloudy																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	NW	W	W	W	W	W	W	W
Wind movement	17	16	15	12	16	16	13	15	14	14	15	17	14	16	11	9	10	9	10	10	10	9	7	7
Maximum velocities (exceeding ? miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	32	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0.02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, W. Total wind 303

Average hourly velocity, 12.6 Extreme velocity, 25

Maximum velocity, 19 Direction, NW

Time began, 12:05 a.m.

Reduced barometer, 30.07 7 a. m. 30.30 7, p. m.

River gage, 2.5 Feet

Relative humidity, 79 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

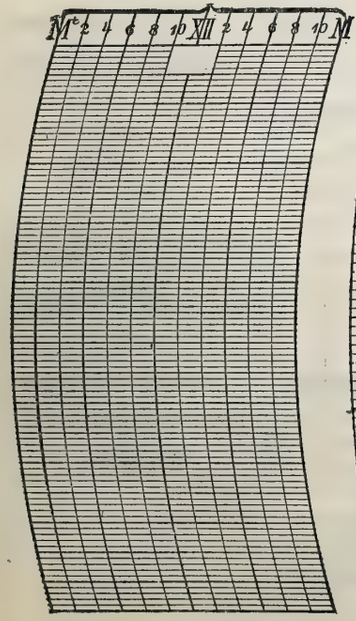
Dry temperature, 35.8 Wet temperature, 32.3

Dew-point, 27 R. humidity, 69 V. pressure, .143

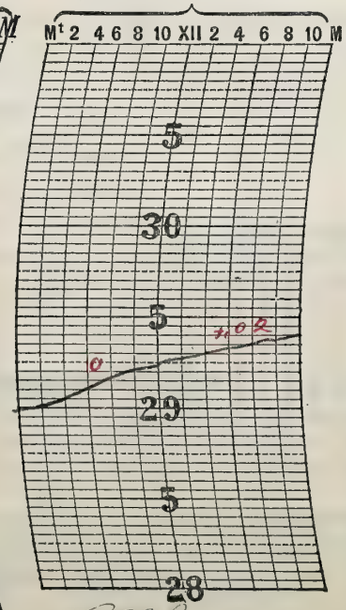
Clouds: Amount, 10; Kind, Nb; Direction, W

Velocity of clouds (miles per hour)

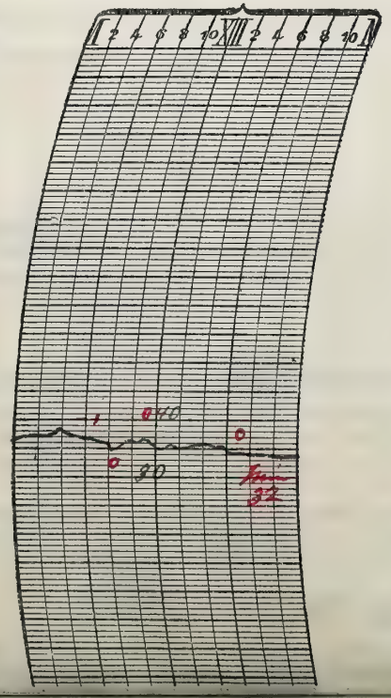
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by

Verified by P. M. Donovan

Estimated

NOTES.

Tipping bucket rain-gage removed from roof at 10:30 a.m. this date. A cloudy and cold day with very light fine, moist snow falling during most of the daylight hours.

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) NOV 21 1922, 192

Time (local standard). 75 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	31	30	31	31	33	36	37	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy & Clear →			Pl. Cldy		
Sunshine (in tenths of hours)							0	0	0	0.8	1.0	1.0
Wind direction	W	W	W	NW	W	W	W	SW	SW	SW	SW	SW
Wind movement	6	6	6	5	5	7	7	7	8	9	9	11
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	38	37	36	36	36	35	35	33
State of weather: Nature of precipitation and time of beginning and ending						RB 5:30	RF 6:15 S-RB 6:15	S-RF 7:10				
Amounts of precipitation						T	T	T				
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	0.4	0	0	0	0							
Wind direction	W	W	W	W	SW	W	W	W	W	W	W	W
Wind movement	13	12	13	12	10	8	9	8	8	7	9	6
Maximum velocities (exceeding miles) direction and time												

Sunrise: Time, 6:36 Character, Cloudy
Moonrise: 9:03a Cloudy
Sunset: Time, 4:18 Character, Cloudy
Moonset: 7:19a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

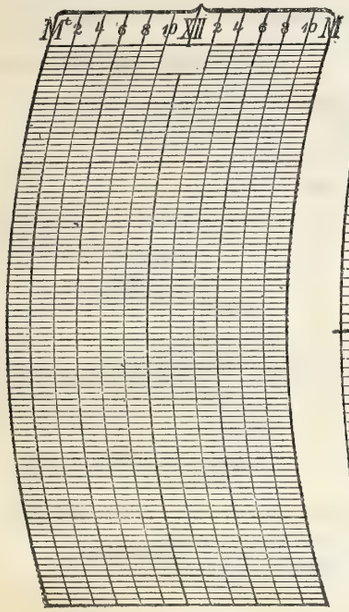
	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	39	30	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pl. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.2 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 33
Prevailing wind direction, W Total wind 204
Average hourly velocity, 8.5 Extreme velocity,
Maximum velocity, 15 Direction, SW
Time began, 3:20 p.m.
Reduced barometer, 30.32 7 a. m. 30.14 7, p. m.
River gage, 2.5 fall 1
Relative humidity, 73 7 a. m. 84 7 p. m.

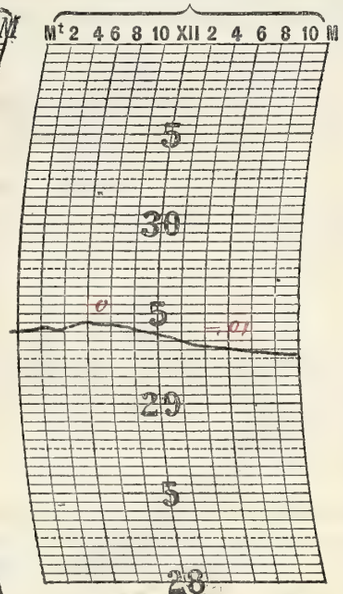
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.4 Wet temperature, 33.0
Dew-point, 25 R. humidity, 56 V. pressure, .130
Clouds: Amount, 4; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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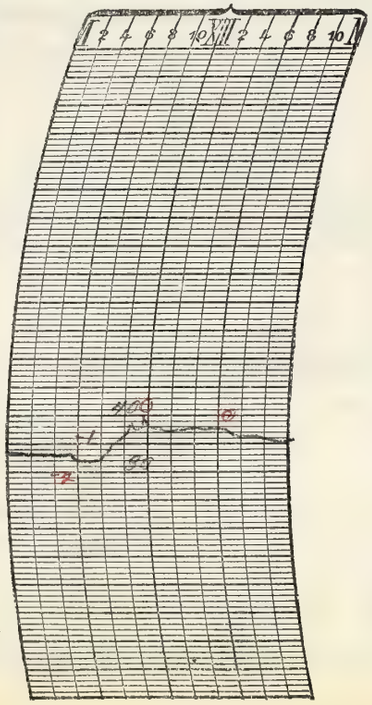


NOTES.

A fairly cloudy and chilly day with rain turning to snow in the evening.

Prepared by
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 22 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	35	35	35	35	36	35	35	35	35	37	37	37	38	37	37	34	34	32	32	33	33	34
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←			Cloudy			Cloudy				x PCldy		Clear					→
Sunrise: Time, Character,	6:37 Cloudy																							
Moonrise:	9:54a Cloudy																							
Sunset: Time, Character,																					4:18 Clear			
Moonset:																					8:08p Clear			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	.30 0							
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	8	7	9	9	9	9	10	10	12	10	11	11	11	8	9	7	10	11	12	12	13	14
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	32	35	

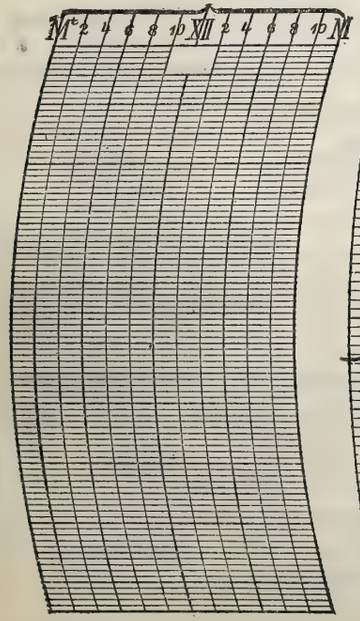
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, Possible sunshine, hours, 9.2
Per cent of possible sunshine, 3
Prevailing wind direction, W Total wind 230
Average hourly velocity, 9.6 Extreme velocity, 17
Maximum velocity, 18 Direction, SW
Time began, 11:42 p.m.
Reduced barometer, 30.23 7 a. m. 30.23 7 p. m.
River gage, 2.5 Feet
Relative humidity, 72 7 a. m. 72 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

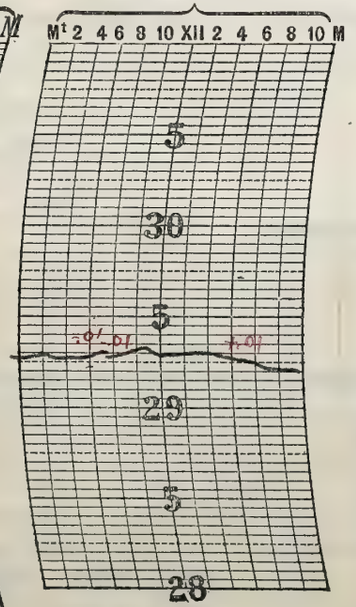
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.7 Wet temperature, 32.8
Dew-point, 28 R. humidity, 70 V. pressure, .150
Clouds: Amount, 10; Kind, StCu; Direction, NW
Velocity of clouds (miles per hour)

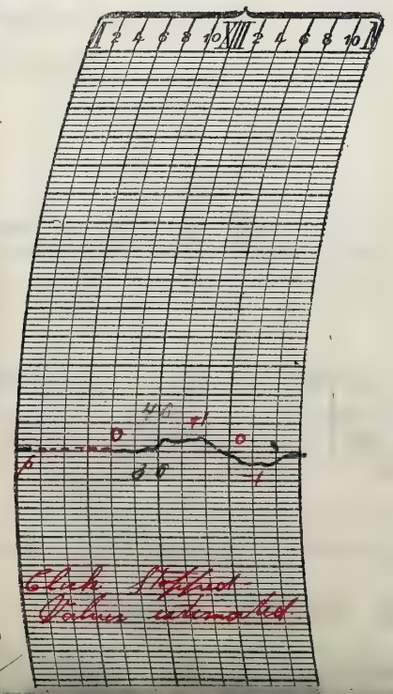
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Clock stopped. Values estimated

NOTES.

Trace of snow at 7:00 a.m.
A cloudy and cold day.
The sun was visible in a clear sky in the evening.
Moonlight from an increasing moon in the early evening hours.

Prepared by

Verified by P. McDonough

Form No. 1011—Mo.

Verified by P. M. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 23 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	35	35	37	38	58	39	42	45	[illegible]	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)							.37 0	1.0 0	1.0	1.0	1.0	[illegible]
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	15	16	15	14	18	20	19	18	19	22	24	23

Sunrise: Time, 6:38 Character, Clear
Moonrise: 10:38a Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	51	52	50	47	44	41	39	38	37	35	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8 0.2	.28 0							
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	23	22	21	21	19	16	16	13	11	10	8	[illegible]

Sunset: Time, 4:45 Character, Clear
Moonset: 9:00p Clear

Maximum velocities (exceeding 20 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

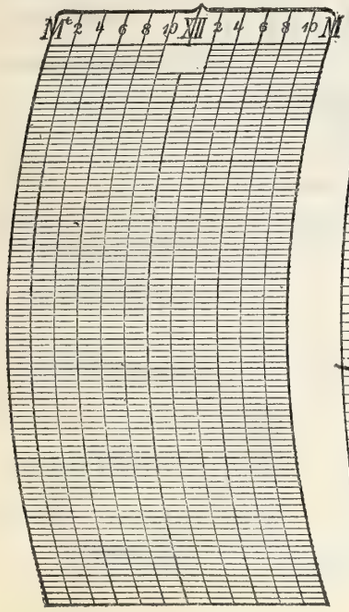
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	34	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair.
Actual sunshine, hours, 9.6 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 100.0
Prevailing wind direction, SW Total wind 411
Average hourly velocity, 17.1 Extreme velocity, 30
Maximum velocity, 28 Direction, SW
Time began, 10:45 a.m.
Reduced barometer, 29.96 7 a. m. 29.89 7, p. m.
River gage, 2.5 Foot
Relative humidity, 74 7 a. m. 60 7 p. m.

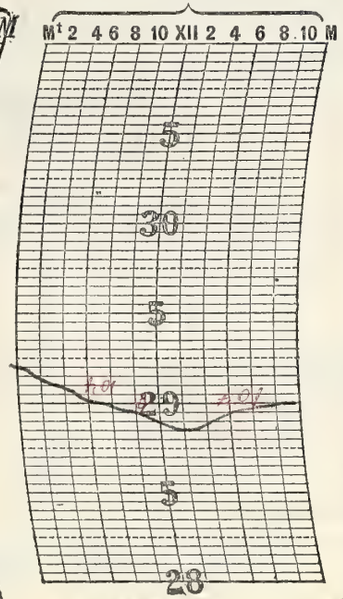
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.1 Wet temperature, 42.0
Dew-point, 35 R. humidity, 60 V. pressure, .203
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

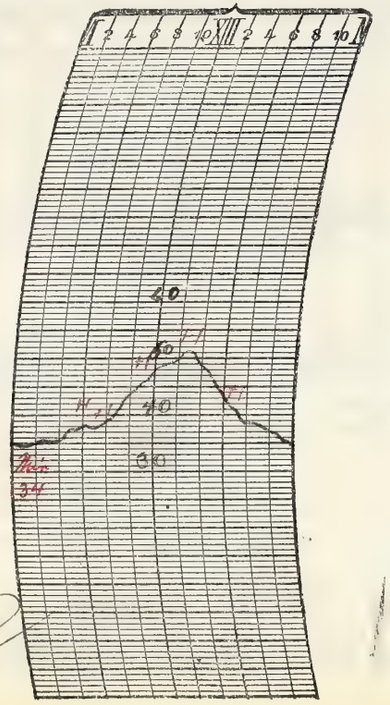
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Special 12:00 Noon (75th Meridian Time) observation called for by Chicago. Filed 11:18 a.m.

A clear, cold, and invigorating day.

Moonlight in the early hours of the night from an increasing crescent moon.

Prepared by
Verified by P. M. Donough

8—480

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) Nov 2 1928, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	32	31	31	32	34	33	33	32	32	34	34	30	30	30	30	29	28	27	27	27	26	25	25
State of weather: Nature of precipitation and time of beginning and ending									S*E 8:15							S*E 3:5								
Amounts of precipitation									—	—	—	—	—	—	—	—								
Cloudiness and other conditions	← Clear						←		Cloudy						Cloudy				×	Pt Cloudy				

Sunrise: Time, 6:39 Character, Cloudy
Moonrise: 11:48a Cloudy

Sunset: Time, 4:16 Character, Cloudy
Moonset: 10:06p Cloudy

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	W	W	W	W	W	W	W	W	W	W	NW	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	7	9	9	9	8	9	11	12	13	14	15	10	11	11	12	15	14	12	10	9	12	8	5
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

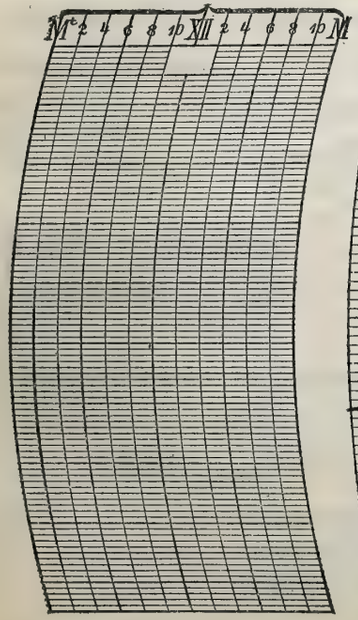
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	25	30	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine,
Prevailing wind direction, NW Total wind 153
Average hourly velocity, 10.2 Extreme velocity, 21
Maximum velocity, 20 Direction, NW
Time began, 11:48 a.m.
Reduced barometer, 29.28 7 a. m. 30.13 7, p. m.
River gage, 2.5 + ice
Relative humidity, 84 7 a. m. 76 7 p. m.

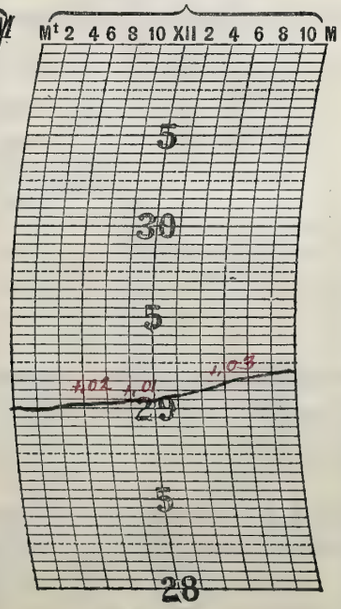
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.8 Wet temperature, 32.2
Dew-point, 29 R. humidity, 76 V. pressure, .157
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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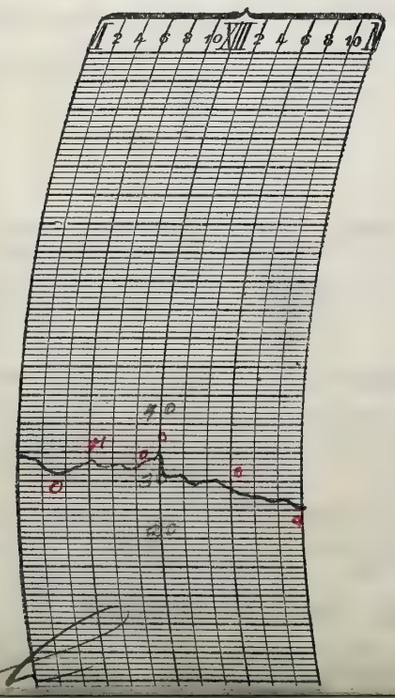


NOTES.

Special 12:00 Noon (75th Meridian Time) observation called for by Chicago.

A cloudy and cold day with light moist snow from the middle of the morning until the middle of the afternoon.

Prepared by

Verified by P. M. Dunwoodie

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 25 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	26	26	26	27	28	27	28	28	29	30	31
State of weather: Nature of precipitation and time of beginning and ending			SMB DNA								SMB 10:10	SMB 11:28 SME 11:40
Amounts of precipitation			—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, Character,	6:41 Cloudy											
Moonrise:	11:52a Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0.1
Wind direction	NW	NW	NW	NW	W	W	W	W	W	W	NW	NW
Wind movement	7	9	9	8	11	9	9	9	10	10	12	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	30	29	28	28	28	27	27	26	25	25
State of weather: Nature of precipitation and time of beginning and ending	SMB 12:10 SME 12:38											
Amounts of precipitation	—											
Cloudiness and other conditions			← Cloudy							→		
Sunset: Time, Character,									4:56 Cloudy			
Moonset:									11:04p			
Sunshine (in tenths of hours)	0.1	0	0	0	0							
Wind direction	NW	NW	W	W	W	NW	W	W	W	W	SW	SW
Wind movement	12	11	12	13	11	8	8	7	8	7	7	8

Maximum velocities (exceeding 40 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

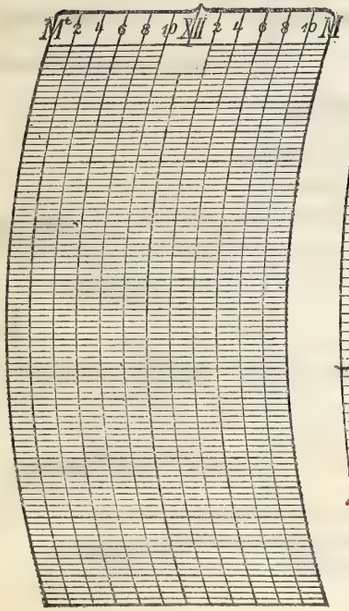
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	25	28	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0.5 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0–10), 10.
Actual sunshine, hours, 0.2 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 2
Prevailing wind direction, W. Total wind 227
Average hourly velocity, 9.5 Extreme velocity, 16
Maximum velocity, 15 Direction, W
Time began, 3:20 p.m.
Reduced barometer, 30.21 7 a. m. 30.11 7 p. m.
River gage, 4.5 Fall +
Relative humidity, 86 7 a. m. 75 7 p. m.

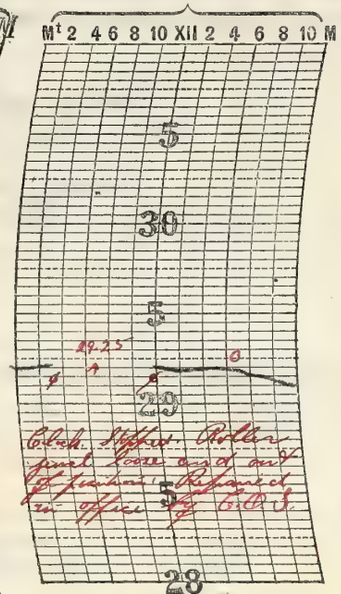
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.9 Wet temperature, 27.2
Dew-point, 22 R. humidity, 71 V. pressure, .113
Clouds: Amount, 7 C-St; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

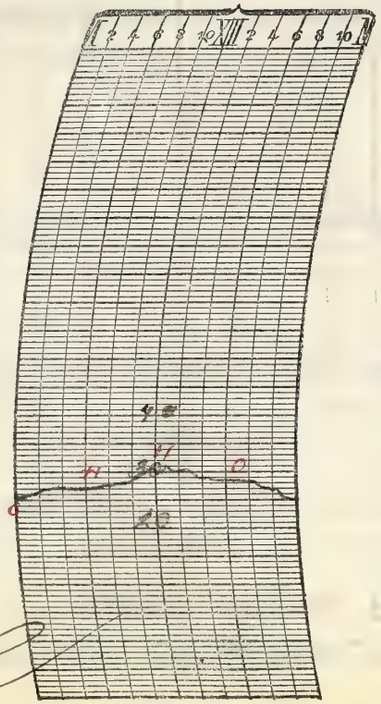
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snowfall to 7:00 a.m. - 0.1
Snow on ground at 7:00 a.m. - 0.1
A cloudy and cold day with light white snow during most of the morning hours.

Prepared by
Verified by P. M. Dunnigh

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Sunday, (Date) NOV 26 1922 6, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	24	23	24	25	27	28	30	32	33	34	34	34	33	32	32	32	30	30	30	29	28
State of weather: Nature of precipitation and time of beginning and ending																			8:00 1:33				8:45 9:14	
Amounts of precipitation																			—	—	—	—	—	
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, Character,	6:42 Cloudy																				Sunset: Time, Character,	4:45 Cloudy		
Moonrise:	12:27p. Cloudy																				Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	10	7	7	8	7	9	14	12	13	14	15	14	14	12	9	9	8	10	9	9	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	23	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase, 5 9 2:15 Am

Average daily cloudiness (0-10),

Actual sunshine, hours, 0 Possible sunshine, hours, 9.6

Per cent of possible sunshine,

Prevailing wind direction, SW Total wind 237

Average hourly velocity, 0.0 Extreme velocity, 18

Maximum velocity, 17 Direction, SW

Time began, 10:36 a.m.

Reduced barometer, 29.92 7 a. m. 29.20 7, p. m.

River gage, 2.4 Feet

Relative humidity, 75 7 a. m. 88 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

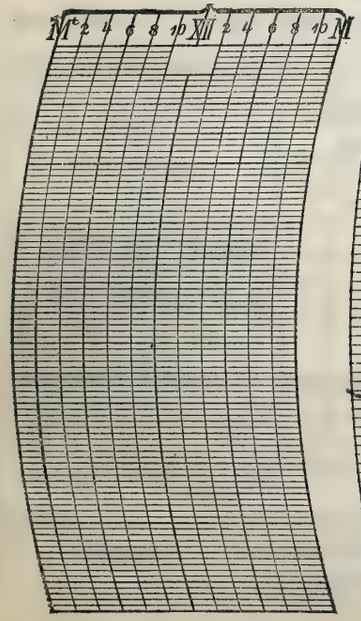
Dry temperature, 30.0 Wet temperature, 28.0

Dew-point, 21 R. humidity, 62 V. pressure, .172

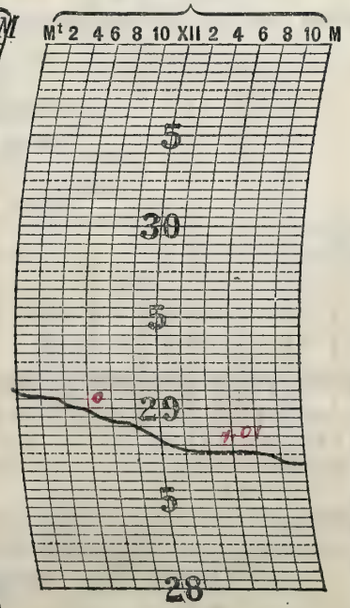
Clouds: Amount, 10; Kind, Ast; Direction, NW

Velocity of clouds (miles per hour)

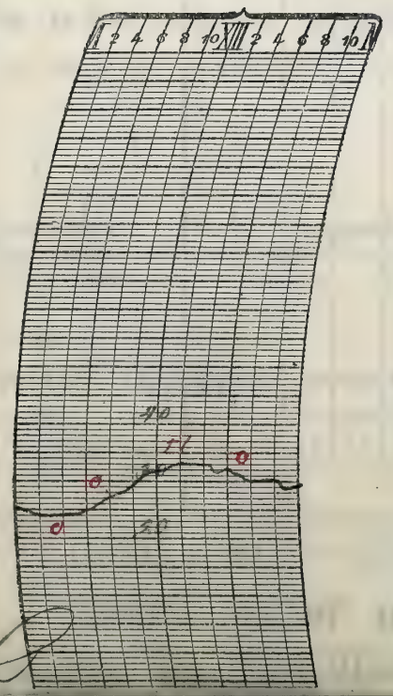
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and moderately cold day. Light moist snow fell in the early evening.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 27 1910, 192

Time (local standard). ___ mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	28	29	29	[illegible]	30	32	33	35	34	35	35	36	34	34	34	33	32	30	29	28	27
State of weather. Nature of precipitation and time of beginning and ending												S 11:40	—	S 1:05				S 5:45	—	S 7:18				
Amounts of precipitation												—	—	—				—	—	—				
Cloudiness and other conditions							← Cloudy								← Cloudy						→			

Sunrise: Time, 6:43 Character, Cloudy
Moonrise: 12:53 p.m. Cloudy
Sunset: Time, 4:15 Character, Cloudy
Moonset: 12:01 a ---

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	N	N	N	N	NW	N	N	N	N	N
Wind movement	8	9	7	8	8	6	5	4	4	5	6	6	9	9	11	14	8	8	12	9	13	9	7	7
Maximum velocities (exceeding ___ miles) direction and time																								

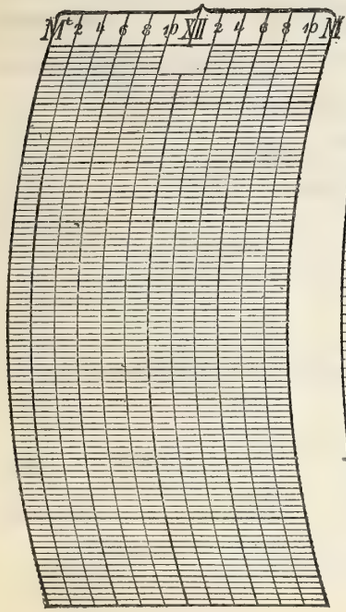
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	27	32	

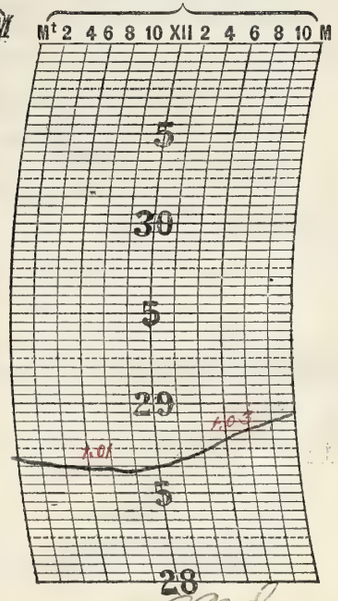
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, N. & SW. Total wind 194
Average hourly velocity, 8.1 Extreme velocity, 20
Maximum velocity, 19 Direction, N.
Time began, 2:50 p.m.
Reduced barometer, 29.40 7 a. m. 29.38 7 p. m.
River gage, 2.4 Feet
Relative humidity, 84 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 36.0 Wet temperature, 33.8
Dew-point, 31 R. humidity, 80 V. pressure, .172
Clouds: Amount, 10; Kind, St.Cu.; Direction, NW
Velocity of clouds (miles per hour)

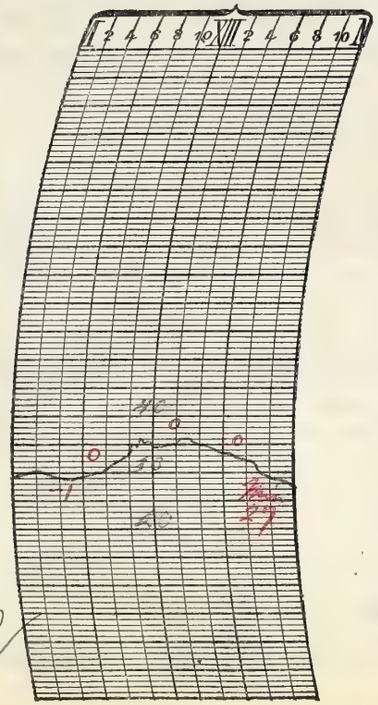
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cold day.

Prepared by ____
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 28 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	27	27	26	26	27	27	29	31	32	34	34	34	34	34	33	33	33	32	31	29	29	28
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy			Clear			Cloudy							Clear				
Sunrise: Time, 6:44 Character, Cloudy																					Sunset: Time, 4:15 Character, Cloudy			
Moonrise: 1:22 p Cloudy																					Moonset: 12:57 a			
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	0.3	0.2	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	NW	N	N	N	N	NW	NW	NW	W	NW	W	SW	SW	SW	S	SW	SW
Wind movement	6	5	8	9	8	5	6	8	11	10	9	8	9	9	6	6	6	5	4	4	7	8	8	8
Maximum velocities (exceeding 22 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	25	30	5

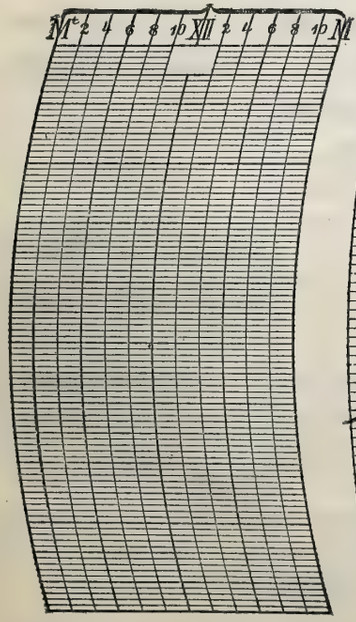
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ___ inches.
Character of day, Mo. Cloudy Moon phase, ___
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.6 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 38
Prevailing wind direction, N. Total wind 173
Average hourly velocity, 7.2 Extreme velocity, 13
Maximum velocity, 13 Direction, N
Time began, 9:04 a.m.
Reduced barometer, 30.[illegible] 7 a. m. 30.[illegible] 7 p. m.
River gage, 2.4 ft
Relative humidity, 83 7 a. m. 63 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

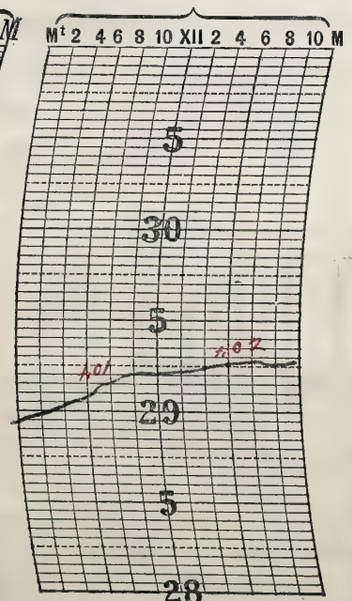
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.5 Wet temperature, 28.7
Dew-point, 19 R. humidity, 52 V. pressure, .09
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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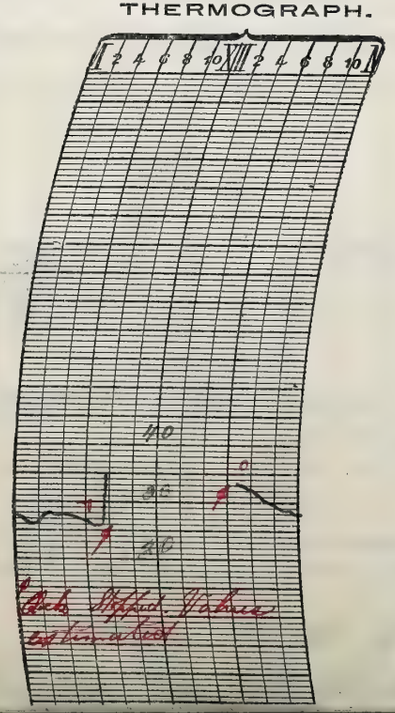


NOTES.

Trace of snow at 2:00 a.m. this date. A pretty cloudy and cold day. The sky cleared after sunset and the night was resplendent with bright moonlight.

Prepared by CAS

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 29 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	26	26	26	26	26	30	34	36	38	39
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear → Pt. Cldy → Cloudy					
Sunshine (in tenths of hours)							0	0	0.2	0.2	1.0	0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	9	9	10	9	9	10	13	18	17	20	20

Sunrise: Time, 6:45 Character, Cloudy
Moonrise: 1:15p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	42	40	39	39	38	37	36	36	36
Sunshine (in tenths of hours)	0.2	0.8	0.2	0	8							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	21	22	17	14	13	10	11	10	10	9	10	9

Sunset: Time, 4:14 Character, Cloudy
Moonset: 1:53a

Maximum velocities (exceeding 58 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

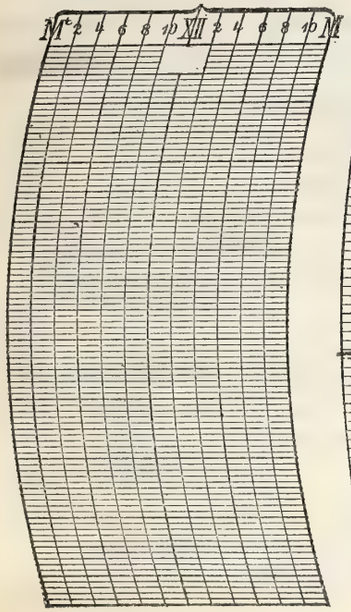
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	26	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 2.8 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 29
Prevailing wind direction, SW Total wind 307
Average hourly velocity, 12.8 Extreme velocity, 32
Maximum velocity, 28 Direction, SW
Time began, 1:15 p.m.
Reduced barometer, 30.24 7 a. m. 30.10 7 p. m.
River gage, 2.4 Feet
Relative humidity, 82 7 a. m. 69 7 p. m.

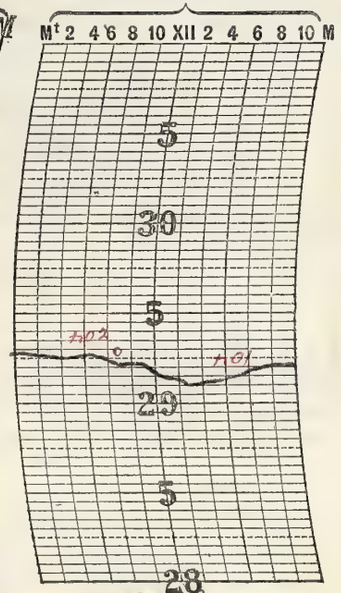
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 34.2
Dew-point, 26 R. humidity, 55 V. pressure, .136
Clouds: Amount, 8; Kind, ACu; Direction, W
Velocity of clouds (miles per hour)

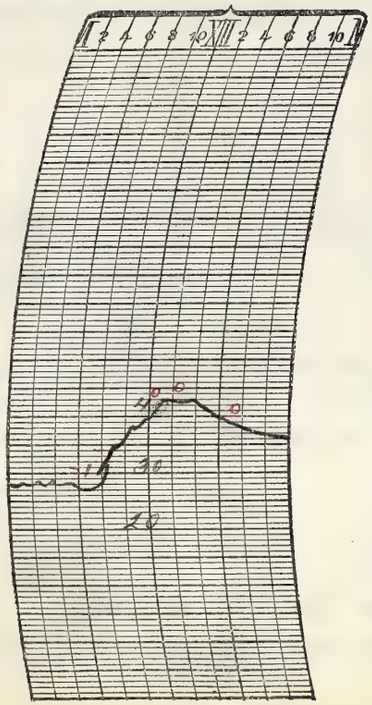
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Special 2:00 p.m. (75th Meridian Time) observation called for by the Chicago Office. Filed at 1:20 p.m.

A partly cloudy and cold day.

A brilliant lunar corona was observed from 6:30 p.m. to 6:40 p.m.

The night was marked with bright moonlight.

Prepared by

Verified by C. M. Donough

R—486

Form No. 1117 Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Port Huron Mich., (Day of week) Thursday, (Date) NOV 30 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	36	36	37	37	38	41	45	48	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cldy		× Cloudy		×	
Sunshine (in tenths of hours)							0	0	0	0.5	0	0.2
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW
Wind movement	9	10	11	11	11	11	11	12	14	14	17	18
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 6:46 Character, Cloudy
Moonrise: 2:20p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	55	55	56	55	55	55	54	54	53	52
State of weather: Nature of precipitation and time of beginning and ending						RB 5:10 RE 5:31		RB 7:45	RE 9:00			
Amounts of precipitation						—		—	—			
Cloudiness and other conditions	Pt. Cloudy		× Cloudy									
Sunshine (in tenths of hours)	0.8	0.9	0	0	0							
Wind direction	SW	SW	SW	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	24	23	20	20	21	21	22	24	25	26	27	26
Maximum velocities (exceeding 29 miles) direction and time	30 SW 12:10	31 SW 1:21							30 SW 8:15		32 SW 10:29	30 SW 11:21

Sunset: Time, 4:14 Character, Cloudy
Moonset: 2:49a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	35	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.4 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 25
Prevailing wind direction, SW Total wind 245
Average hourly velocity, 12.8 Extreme velocity, 33
Maximum velocity, 32 Direction, SW
Time began, 10:09 p.m.
Reduced barometer, 29.14 7 a. m. 29.99 7 p. m.
River gage, 2.4 Feet
Relative humidity, 66 7 a. m. 65 7 p. m.

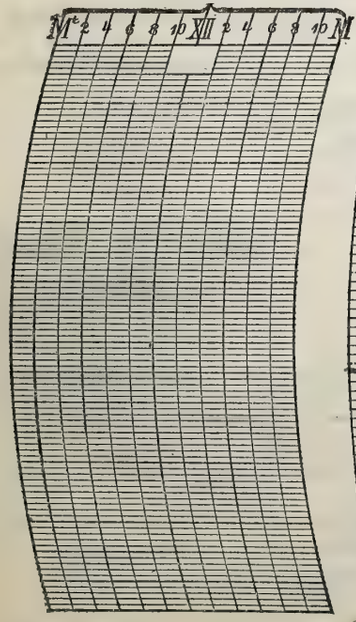
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

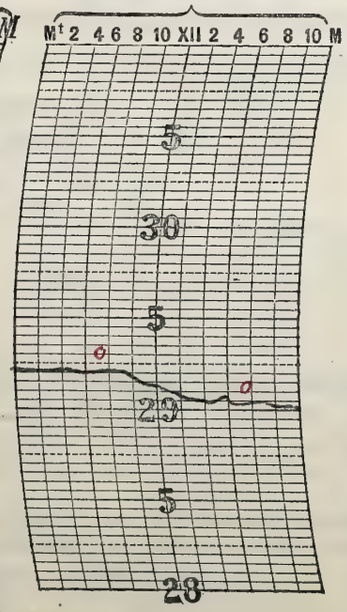
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.6 Wet temperature, 44.1
Dew-point, 37 R. humidity, 60 V. pressure, .219
Clouds: Amount, 7; Kind, A St.; Direction, NW
Velocity of clouds (miles per hour)

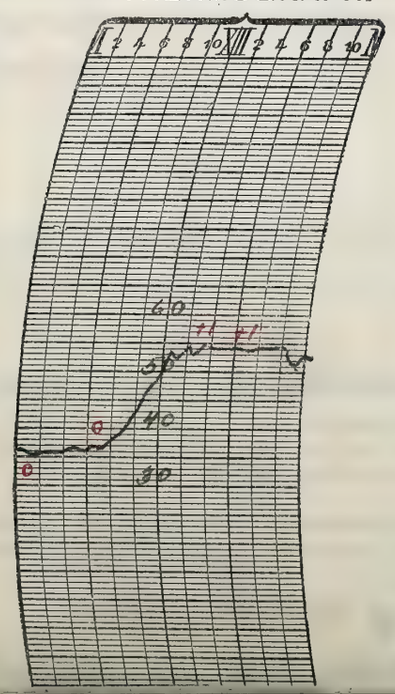
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by CAB
Verified by O. M. Donnell

Ø Estimated

NOTES.

A fairly cloudy day with increasing temperature. Full moon was obscured by heavy clouds at night.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

DEC 1 1922

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) _____, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	54	54	54	55	56	56	55	53	49	48	47	48	45	44	42	40	38	36	35	34	34	33
State of weather: Nature of precipitation and time of beginning and ending			RB 7:28 AE 7:36																					
Amounts of precipitation			—	—	—			—																
Cloudiness and other conditions							Cloudy						Clear											
Sunrise: Time, Character, 6:47 Cloudy																					Sunset: Time, Character, 4:14 Clear			
Moonrise: 2:53p Clear																					Moonset: 3:46a			
Sunshine (in tenths of hours)							0	0	0	0	0.4	1.0	1.0	1.0	1.0	0.8 .2 / 0.2	.23 / 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	25	22	20	18	22	22	22	25	22	21	19	21	21	21	18	15	12	10	10	8	8	7	7	6
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

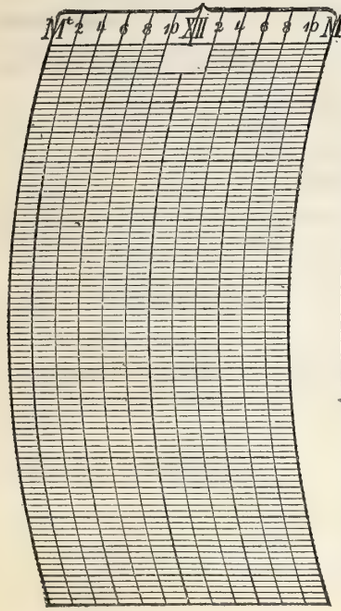
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	33	44	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m.; .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Pt. Cloudy Moon phase, _____
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 5.6 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 60
Prevailing wind direction, W Total wind 402
Average hourly velocity, 16.8 Extreme velocity, 22
Maximum velocity, 27 Direction, SW
Time began, 12:25 a.m.
Reduced barometer, 29.95 7 a. m. 30.27 7, p. m.
River gage, 2.4 Feet
Relative humidity, 80 7 a. m. 64 7 p. m.

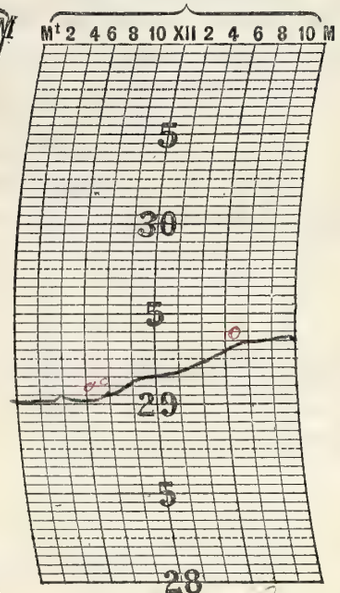
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.0 Wet temperature, 40.0
Dew-point, 30 R. humidity, 48 V. pressure, .164
Clouds: Amount, 3; Kind, AST; Direction, W
Velocity of clouds (miles per hour)

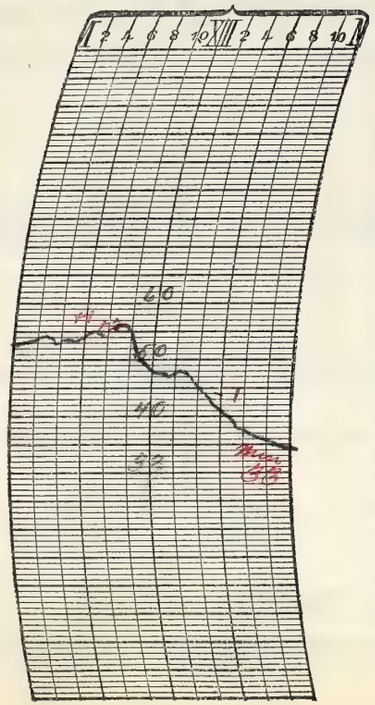
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy day with decreasing temperature. The night was clear and resplendent with bright moonlight.

Prepared by _____

Verified by P. McDonough

8—486

Form No. 1011 Rev. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) Dec. 2 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	32	31	31		31	33	37	40	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy × Pl. Cldy × Clear					
Sunshine (in tenths of hours)							0	0	0	0.2	0.5	0.5
Wind direction	W	W	W	W	W	W	W	SW	SW	S	SW	S
Wind movement	5	4	4	4	3	3	4	6	5	6	10	8

Sunrise: Time, 6:48 Character, Cloudy
Moonrise: 2:28 A

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	46	45	44	43	43	43	42	42	42	42
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					× Pl. Cldy		× Cloudy			× Pl. Cldy	× Clear	
Sunshine (in tenths of hours)	1.0	1.0	0.5	0	0							
Wind direction	SW	S	S	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	8	7	5	4	3	3	4	6	6	4	4	6

Sunset: Time, 4:23 Character, Cloudy
Moonset: 4:45 A

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 4.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 50
Prevailing wind direction, SE. & W. Total wind 123
Average hourly velocity, 5.1 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 10:40 a.m.
Reduced barometer, 30.33 7 a. m. 30.10 2, p. m.
River gage, 2.4 Feet
Relative humidity, 82 7 a. m. 55 2 p. m.

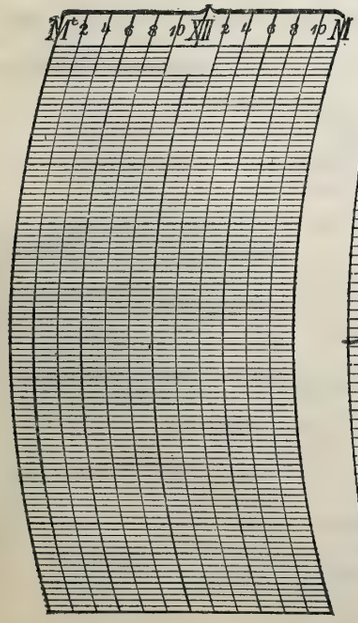
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

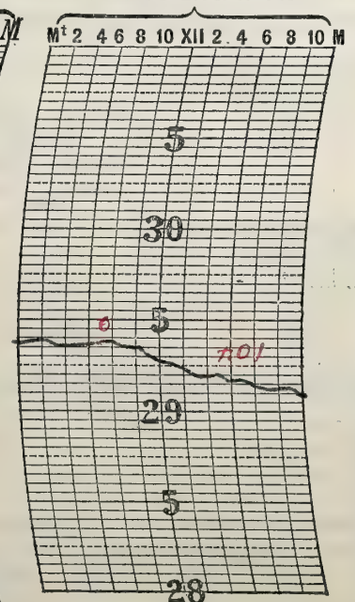
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 35.0
Dew-point, 25 R. humidity, 48 V. pressure, 130
Clouds: Amount, 1; Kind, Ast.; Direction, NW
Velocity of clouds (miles per hour)

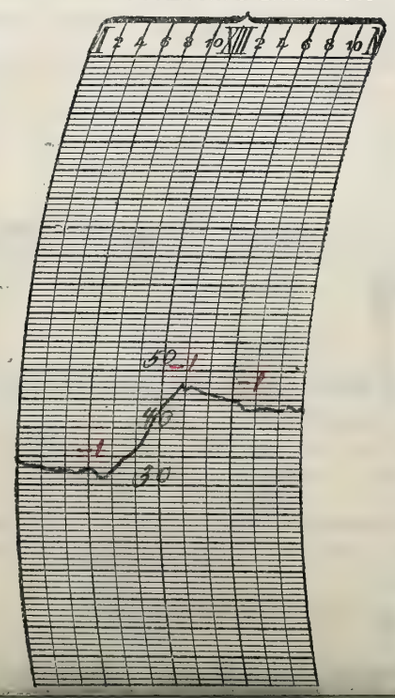
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderately low temperature. The night was marked with bright moonlight.

Prepared by C.C.S.

Verified by P. McH.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

DEC -3 1922

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) ....., 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	37	36	36	34	34	36	41	47	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear →						← Clear					
Sunshine (in tenths of hours)							.18 0	1.0 0	0.6 0.4	1.0	1.0	1.0
Wind direction	S	SW	W	W	W	W	W	W	SW	SW	SW	W
Wind movement	9	8	8	8	8	7	6	8	8	12	10	11

Sunrise: Time, 6:49 Character, Clear

Moonrise: 4:08p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	52	53	52	49	47	46	44	43	39	40	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear →									Clear	Clear	
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6 0.4	.22 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	N	E
Wind movement	13	11	10	8	7	6	5	4	2	2	4	4

Sunset: Time, 4:13 Character, Clear

Moonset: 5:42a

Maximum velocities (exceeding 22 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	34	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ...

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 100

Prevailing wind direction, W Total wind 179

Average hourly velocity, 7.5 Extreme velocity, 17

Maximum velocity, 16 Direction, W.

Time began, 12:55 p.m.

Reduced barometer, 30.12 7 a. m. 30.16 7 p. m.

River gage, 2.4 Feet

Relative humidity, 81 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

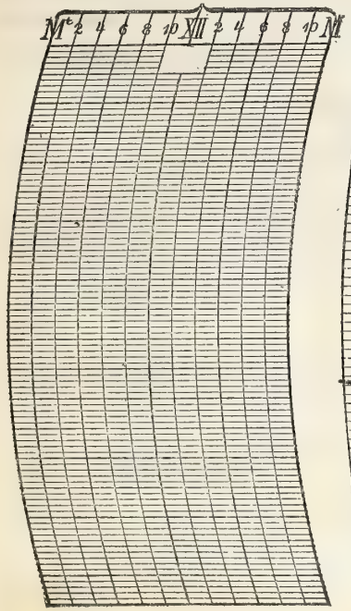
Dry temperature, 49.4 Wet temperature, 40.3

Dew-point, 28 R. humidity, 43 V. pressure, 150

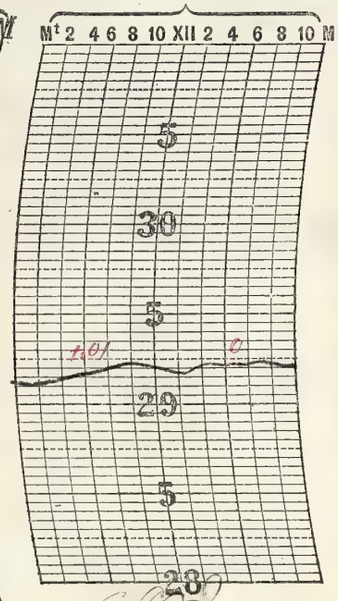
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour).....

THERMOGRAPH.



BAROGRAPH.



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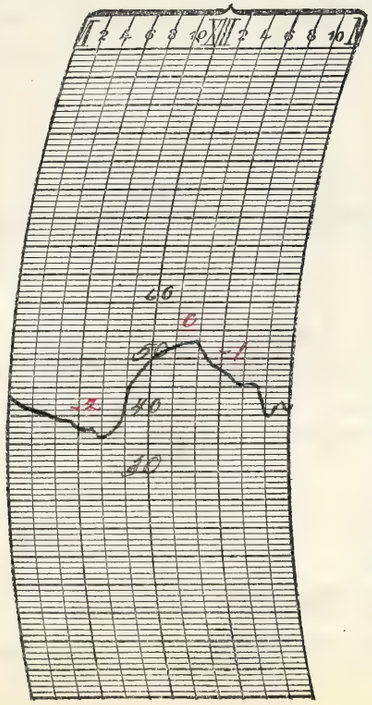


NOTES.

A clear, ideal, exhilarating day with very bright moonlight at night.

Prepared by .....

Verified by C. McDonough

8—486

Form No. 1012—Met. R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) Dec. 4 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	34	34	35	37	37	36	35	37	38	40	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	SE	E	E	E	E	SE
Wind movement	6	7	9	10	10	11	8	9	10	10	9	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	41	41	42	42	42	40	45	46	44	42	40
State of weather: Nature of precipitation and time of beginning and ending									RE 8.24			
Amounts of precipitation	—	—	—	—	—	—	—	—				
Cloudiness and other conditions							Cloudy →					
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	SE	SE	SE	E	E	NE	W	NW	NW	NW
Wind movement	12	12	12	8	6	6	4	4	19	22	22	18

Sunrise: Time, 6:50 Character, Cloudy
Moonrise: 4:55p Cloudy
Sunset: Time, 4:13 Character, Cloudy
Moonset: 6:40a Cloudy

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

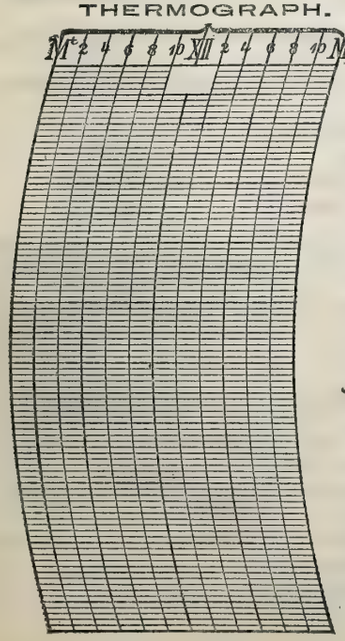
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .78 ins.
Total precipitation, midnight to midnight, .78 inches.
Character of day, Cloudy Moon phase, Full 11-5:25a
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 255
Average hourly velocity, 10.5 Extreme velocity, 28
Maximum velocity, 32 Direction, NW
Time began, 10:35 p.m.
Reduced barometer, 30.06 7 a. m. 29.66 7 p. m.
River gage, 2.3 Fall
Relative humidity, 62 7 a. m. 100 7 p. m.

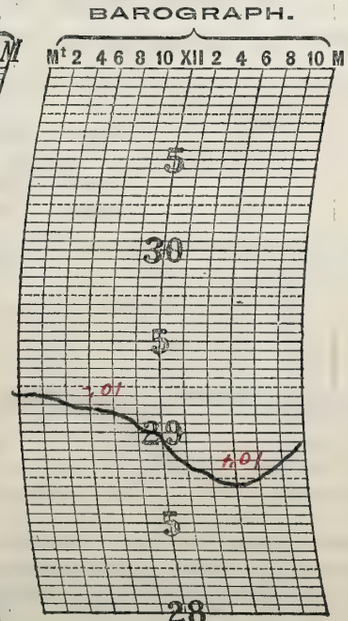
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 38.8
Dew-point, 35 R. humidity, 84 V. pressure, .203
Clouds: Amount, 10; Kind, Nb; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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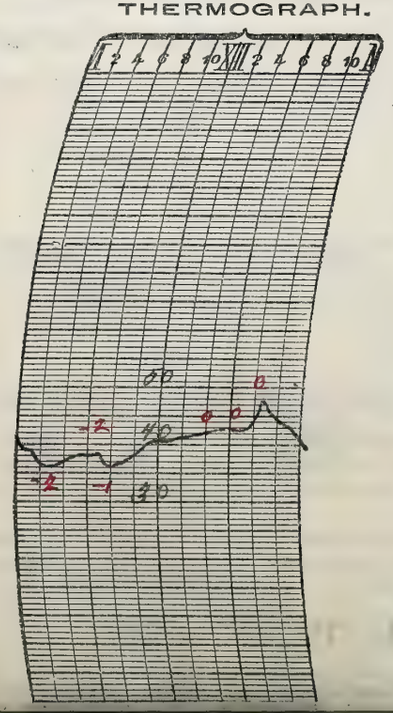


NOTES.

A cloudy day with moderate temperatures and rain from the late morning until the early night. The moon was obscured by clouds.

Prepared by C. M. A.

Verified by C. M. A.

Form No. 1012—Met.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC - 5 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	34	33	32	30	28	26	28	29	30	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←			Clear			→
Sunshine (in tenths of hours)							.15 0	1.0 0	0.6 0.4	1.0	1.0	1.0
Wind direction	NW	NW	NW	W	W	W	W	W	W	W	W	W
Wind movement	18	11	12	15	13	13	13	14	14	14	16	16
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 6:51 Character, Clear
Moonrise: 5:43p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	34	33	31	29	27	28	27	27	26	26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←		Clear			→	
Sunshine (in tenths of hours)	1.0	1.0	0.3 0.7	1.0 0	.22 0							
Wind direction	W	W	W	W	W	W	W	W	NW	NW	W	W
Wind movement	15	14	14	12	10	7	8	8	8	6	6	4
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 4:13 Character, Clear
Moonset: 2:35a Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	26	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind 281
Average hourly velocity, 11.7 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 11:30 a.m.
Reduced barometer, 30.23 7 a. m. 30.45 7, p. m.
River gage, 2.6 Feet
Relative humidity, 68 7 a. m. 62 7 p. m.

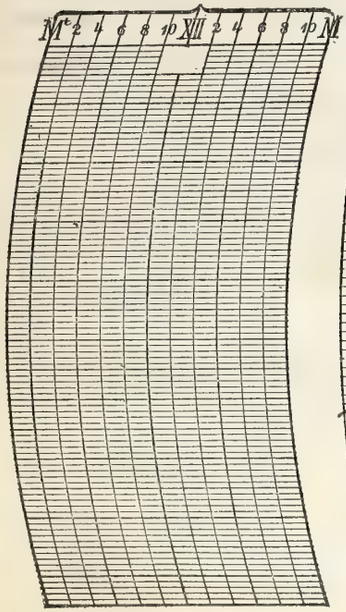
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

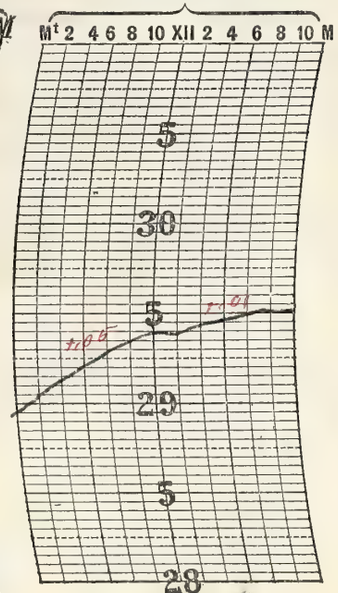
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.8 Wet temperature, 27.2
Dew-point, 18 R. humidity, 54 V. pressure, .093
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

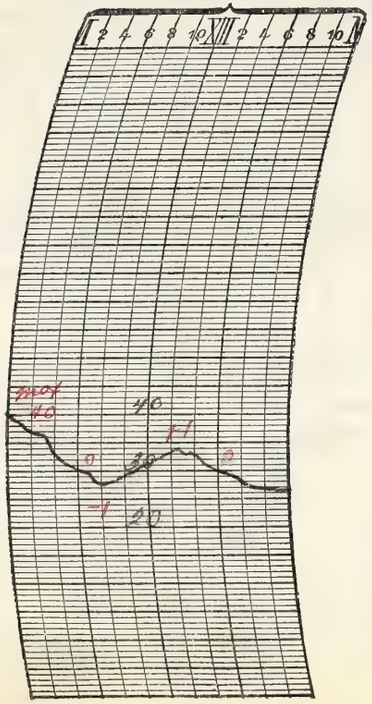
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and cold day. The night was radiant with bright moonlight

Prepared by CCS
Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 6 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	23	24	24	23	22	22	25	26	29	30	32	33	34	33	31	30	29	27	27	27	28	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←		Clear						Clear	→		Pt Cloudy		→	Cloudy			
Sunshine (in tenths of hours)							.13 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	0	0							
Wind direction	W	W	NW	N	N	N	NE	E	E	E	SE	E	E	SE	SE	E	E	E	E	E	E	E	E	E
Wind movement	4	4	5	4	4	5	6	6	6	8	6	7	7	8	9	8	8	10	12	11	11	10	10	9

Sunrise: Time, 6:52 Character, Clear
Moonrise: 6:35p Cloudy
Sunset: Time, 4:13 Character, Cloudy
Moonset: 8:25a Clear

Maximum velocities (exceeding 28 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

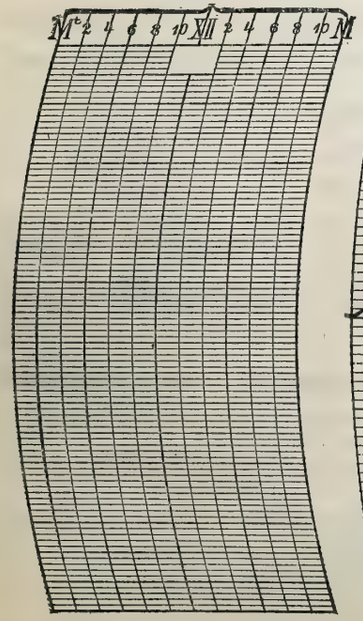
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	22	28	

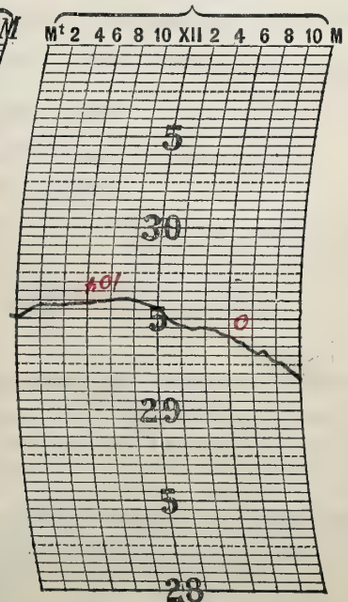
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 8.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 86
Prevailing wind direction, E Total wind 178
Average hourly velocity, 7.4 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 7:47 p.m.
Reduced barometer, 30.58 7 a. m. 30.36 7 p. m.
River gage, 2.6 Feet
Relative humidity, 73 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 28.0 Wet temperature, 26.2
Dew-point, 23 R. humidity, 79 V. pressure, 118
Clouds: Amount, 2; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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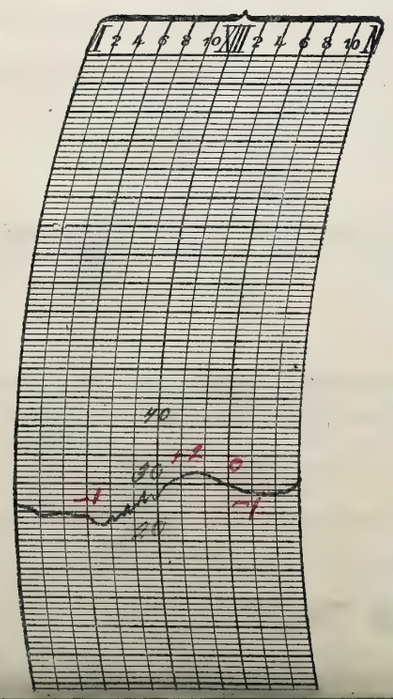


NOTES.

A clear and cold day. The moon shone through occasional rifts in the clouds.

Prepared by

Verified by P. McDonough

Form No. 1011—M.W.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC -7 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	31	31	31	32	33	34	36	39	42	44
State of weather: Nature of precipitation and time of beginning and ending			RB 2:00					RE 7:58				
Amounts of precipitation			—	—	—	—	—	—				
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	SE	E	E	E	E	E	E	SE	SE	SW	SW
Wind movement	9	7	7	5	7	6	5	2	3	2	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47	47	47	46	44	43	43	43	45	54	56
State of weather: Nature of precipitation and time of beginning and ending						RB 5:00						RE DNP
Amounts of precipitation						—	—	—	—	—	—	—
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	E	E	E	E	SE	S	SW
Wind movement	10	8	5	2	3	5	2	7	5	4	8	15

Sunrise: Time, 6:53 Character, Cloudy
Moonrise: 7:39p Cloudy
Sunset: Time, 4:13 Character, Cloudy
Moonset: 9:10a Cloudy

Maximum velocities (exceeding 28 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

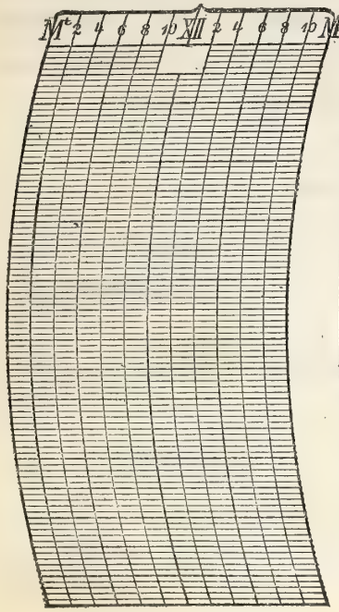
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	30	43	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .31 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 144
Average hourly velocity, 6.0 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 11:49 p.m.
Reduced barometer, 29.41 7 a. m. 29.28 7, p. m.
River gage, 2.6 Feet
Relative humidity, 100 7 a. m. 100 7 p. m.

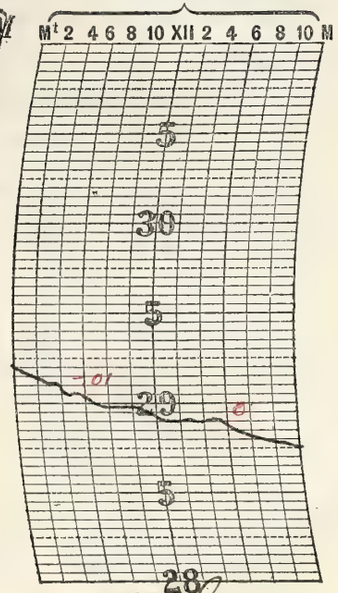
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.0 Wet temperature, 43.0
Dew-point, 43 R. humidity 100 V. pressure, .27
Clouds: Amount, 10; Kind, St. Fog; Direction, SW
Velocity of clouds (miles per hour)

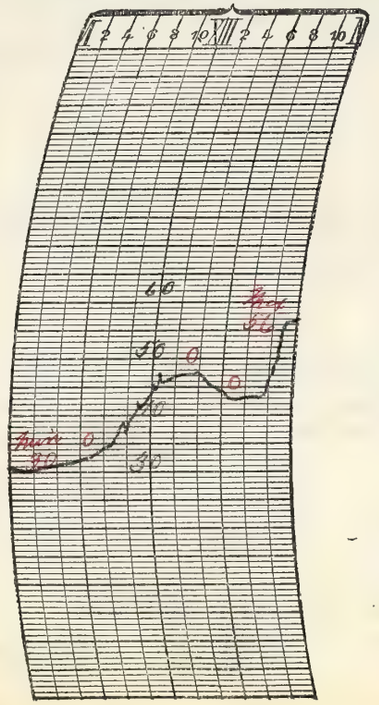
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

St. Fog began - 7:40 a.m. Ended 8:15 a.m.
Dense Fog began - 8:15 a.m. Ended 9:42 a.m.
St. Fog began - 9:42 a.m. Ended 8:30 p.m.
Rain which began at 2:00 a.m., freze as it fell, making the streets and walks icy and slippery, but shortly after daybreak the increasing temperature and the rain caused them to become slushy and slippery.
A cloudy and gloomy day with rain in the early morning and during the night.
The moon was obscured by heavy clouds.

Prepared by
Verified by N. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) Friday, (*Date*) DEC 8 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	58	60	59	59	42	44	43	41	38	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	W
Wind movement	19	21	17	18	20	17	17	19	15	18	19	18
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	35	32	31	29	28	27	26	26	25	25
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy				x-n Clear	Clear				→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	17	19	18	16	12	12	11	10	6	6	8	7
Maximum velocities (exceeding 20 miles) direction and time												

Sunrise: Time, 6:54 Character, Cloudy
Moonrise: 8:43 p Clear

Sunset: Time, 4:13 Character, Cloudy
Moonset: 10:01 a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	25	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind 360
Average hourly velocity, 15.0 Extreme velocity, 27
Maximum velocity, 25 Direction, NW
Time began, 7:11 a.m.
Reduced barometer, 29.71 7 a. m. 30.15 7, p. m.
River gage, 2.7 rise
Relative humidity, 84 7 a. m. 66 7 p. m.

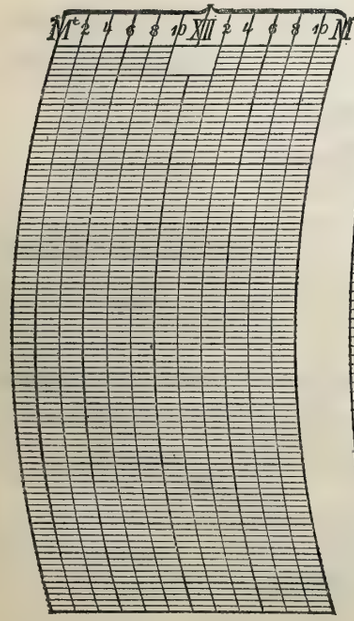
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

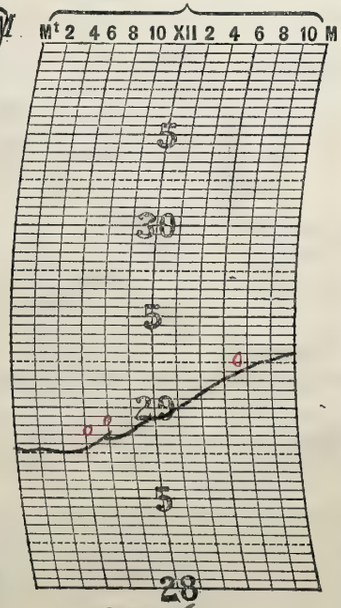
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.3 Wet temperature, 36.3
Dew-point, 35 R. humidity, 90 V. pressure, .203
Clouds: Amount, 10; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

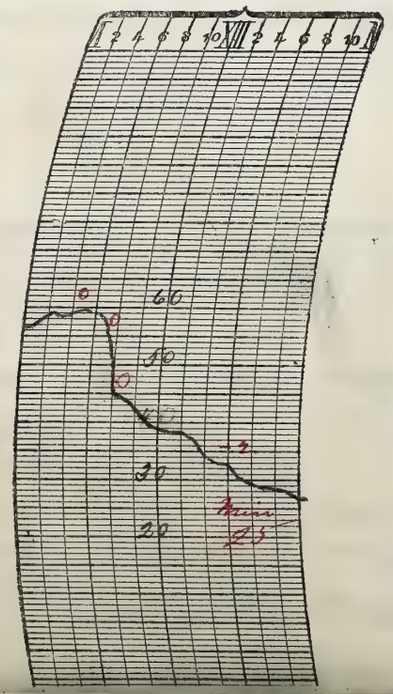
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with falling temperature. Dim moonlight at night from a decreasing moon.

Prepared by ACS

Verified by P. McDonough

Form No. 1011 Mech.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC -9 1922, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	26	26	26	26	24	23	24	25	27	28	29	29	30	29	29	28	28	28	28	28	27	26	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Pt. Cloudy							Pt. Cloudy				→ Cloudy						
	Sunrise: Time, 6:55 Character, Cloudy. Moonrise: 9:42p Cloudy																				Sunset: Time, 4:23 Character, Cloudy. Moonset: 10:44a Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.8	1.0	1.0	1.0	1.0	0.2	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	9	7	6	8	6	6	7	9	9	9	9	9	11	10	11	10	11	10	11	10	9	8	8
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

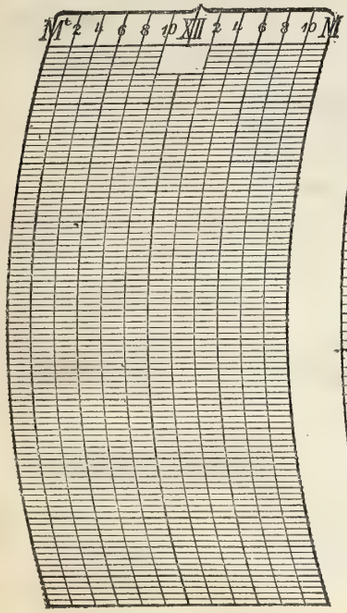
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	23	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 54
Prevailing wind direction, N.N.E. Total wind 209
Average hourly velocity, 8.7 Extreme velocity, 16
Maximum velocity, 14 Direction, NE
Time began, 5:23 p.m.
Reduced barometer, 30.38 7 a. m. 30.39 7 p. m.
River gage, 2.9 Feet
Relative humidity, 77 7 a. m. 74 7 p. m.

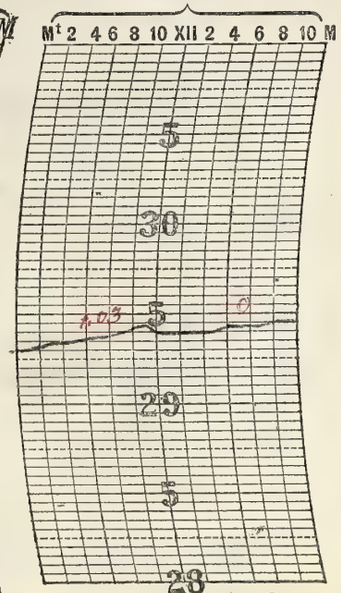
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.0 Wet temperature, 25.0
Dew-point, 19 R. humidity, 66 V. pressure, .088
Clouds: Amount, 4; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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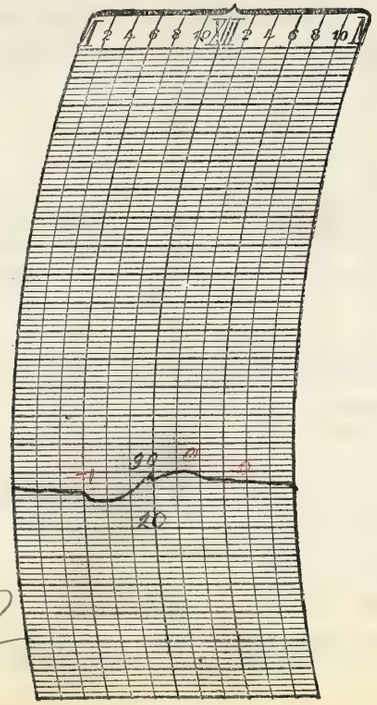


NOTES.

A fairly cloudy and cold day. No moonlight at night.

Prepared by CCB

Verified by P. McDonough

8—436

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 10 1922, 192

Time (local standard): 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	23	23	21	20	20	19	20	22	26	27	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunshine (in tenths of hours)							.08 0	1.0 0	0.6 0.4	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	6	7	6	6	4	3	6	6	5	5	5	5

Sunrise: Time, 6:55 Character, Clear
Moonrise: 10:56p Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	34	34	33	31	31	31	30	30	30	29	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear →					
Sunshine (in tenths of hours)	1.0	1.0	1.0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	SE	SE
Wind movement	5	4	6	7	4	5	4	4	5	7	8	6

Sunset: Time, 4:13 Character, Cloudy
Moonset: 11:55a Clear

Maximum velocities (exceeding 60 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

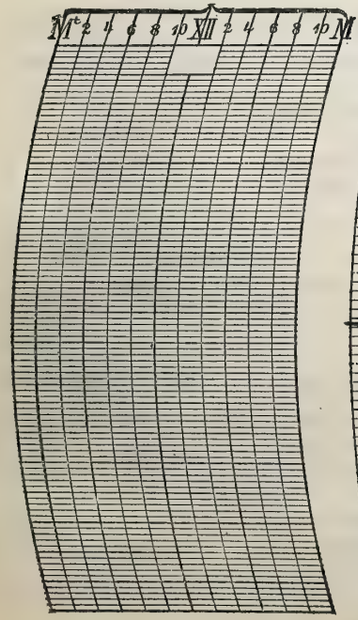
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	19	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 8.1 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 87
Prevailing wind direction, SE Total wind 132
Average hourly velocity, 5.5 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 9:25 p.m.
Reduced barometer, 30.54 7 a. m. 30.44 7 p. m.
River gage, 2.8 Feet
Relative humidity, 91 7 a. m. 70 7 p. m.

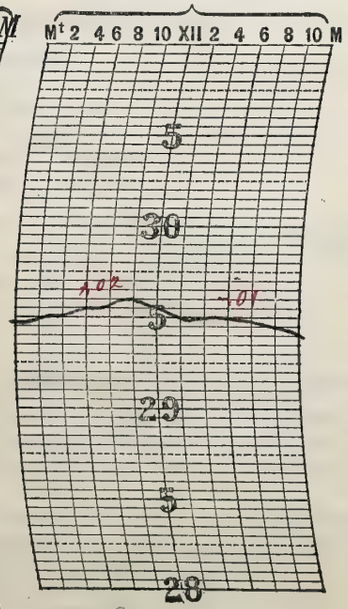
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.0 Wet temperature, 27.5
Dew-point, 23 R. humidity, 73 V. pressure, .118
Clouds: Amount, Few; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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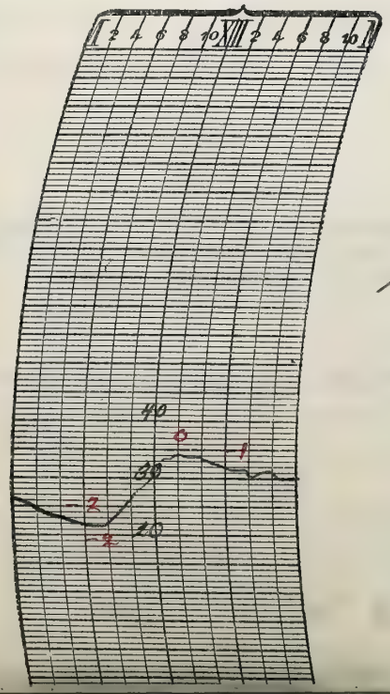


NOTES.

The minimum temperature was the lowest reached so far this season. A clear and cold invigorating day.
Faint Northlight at night from a decreasing moon.

Prepared by CRS
Verified by C. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 11 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	29	29	29	29	30	32	33	36	39	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Ptly Cldy		Cloudy				
Sunrise: Time, Character, 6:56 Cloudy												
Moonrise: —												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S
Wind movement	8	6	6	6	9	9	11	13	13	11	12	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	44	43	43	42	42	41	41	40	38	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunset: Time, Character, 4:13 Cloudy												
Moonset: 11:55a Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	17	16	20	17	14	18	19	19	18	18	23	21

Maximum velocities (exceeding 22 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

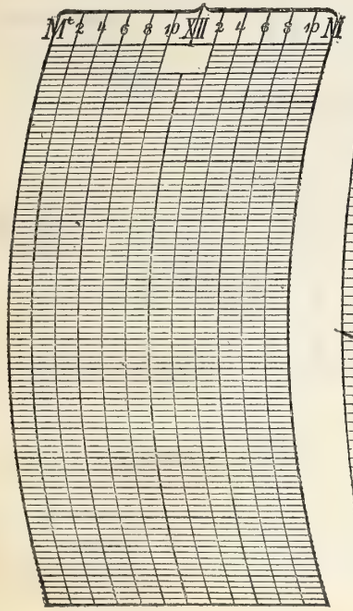
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	29	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, 4Q waning
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 2.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 337
Average hourly velocity, 14.1 Extreme velocity, 3
Maximum velocity, 29 Direction, W
Time began, 11:45 p.m.
Reduced barometer, 30.14 7 a. m. 29.92 7 p. m.
River gage, 2.8 Fall
Relative humidity, 78 7 a. m. 76 7 p. m.

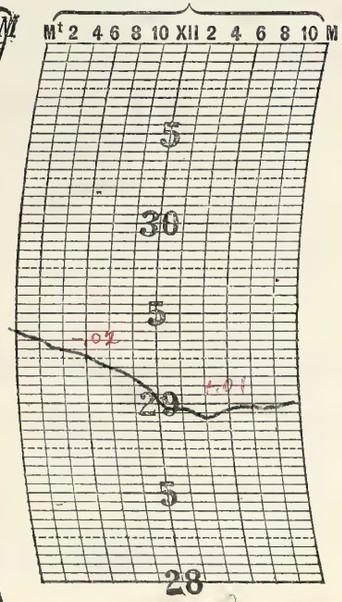
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.2 Wet temperature, 38.3
Dew-point, 36 R. humidity, 85 V. pressure, .211
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

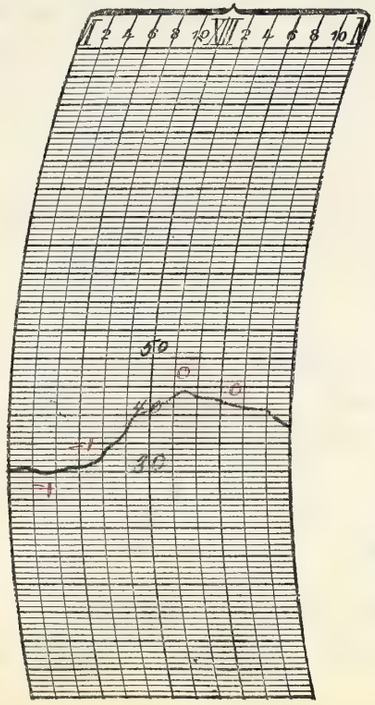
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cold wave warning indicating a temperature of zero or lower in north and 10° above or lower in south by or during Tuesday night, was received at 3:48 p.m. The information was given to the press and phoned to United Parties interested.

A cloudy day with moderately cold temperatures.

Prepared by

Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) Dec 12 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	28	26	22	19	16	14	12	12	13	14	14	15	15	14	14	14	13	13	13	11	11	11	10
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear								Clear →									
Sunrise: Time, 6:57; Character, Cloudy																					Sunset: Time, 4:13; Character, Clear			
Moonrise: 12:05a																					Moonset: 12:00p; Clear			
Sunshine (in tenths of hours)							0	0	0	0.9	1.0	1.0	1.0	1.0	0.4 / 0.5	1.0 / 0	2.2 / 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	NW	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	18	17	18	20	22	22	22	25	24	25	23	23	21	19	18	18	12	14	13	11	12	12	15
Maximum velocities (exceeding 22 miles) direction and time									30 W 8:04															

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	10	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 7.0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 75

Prevailing wind direction, W Total wind 436

Average hourly velocity, 18.2 Extreme velocity, 32

Maximum velocity, 30 Direction, W

Time began, 8:05 a.m.

Reduced barometer, 30.23 7 a. m. 30.48 7 p. m.

River gage, 2.7 Feet

Relative humidity, 60 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

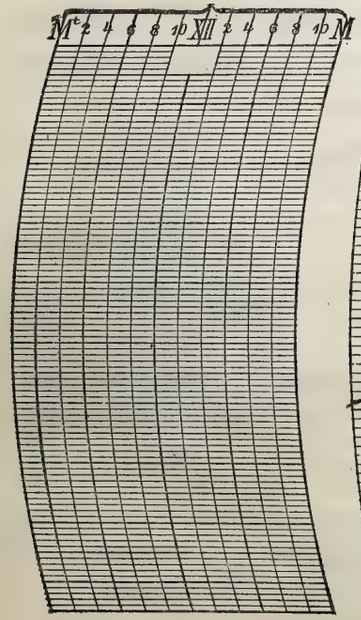
Dry temperature, 13.0 Wet temperature, 11.0

Dew-point, 3 R. humidity, 62 V. pressure, .044

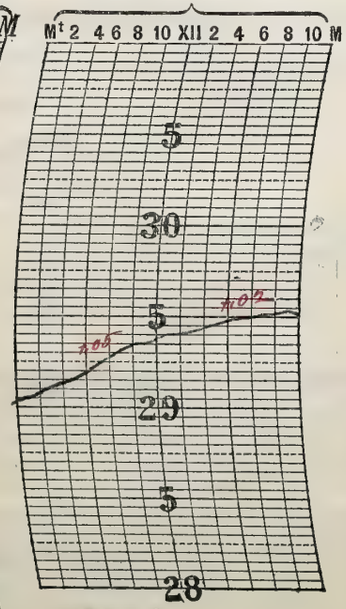
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

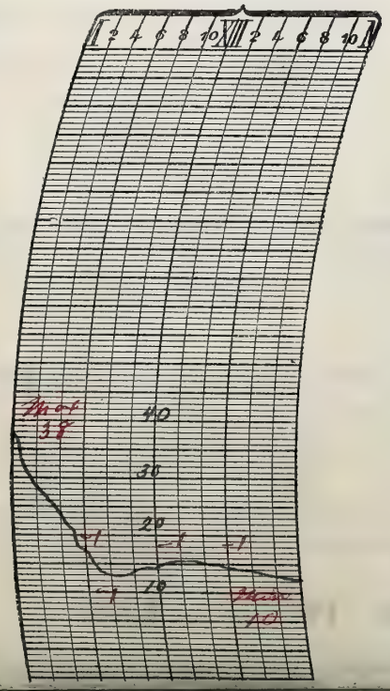
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The minimum temperature was the lowest recorded to date this season.

A clear and cold day with high westerly winds.

Prepared by CCS

Verified by C. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 13 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	9	9	9	10	11	11	13	14	16	17	19	20	22	22	22	23	24	24	24	23	22	20	20
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy		×	Pt. Cloudy			Pt. Cloudy				×	Cloudy						
Sunshine (in tenths of hours)							0	0	0	0	0.2	0.8	0.8	0	0.2	0	0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SE	E	E	E
Wind movement	14	12	10	9	11	11	11	11	11	9	8	11	11	10	11	7	5	5	3	4	5	5	8	11
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 6:58; Character, Cloudy. Moonrise: 11:32a.

Sunset: Time, 4:13; Character, Cloudy. Moonset: 1:06p, Cloudy.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

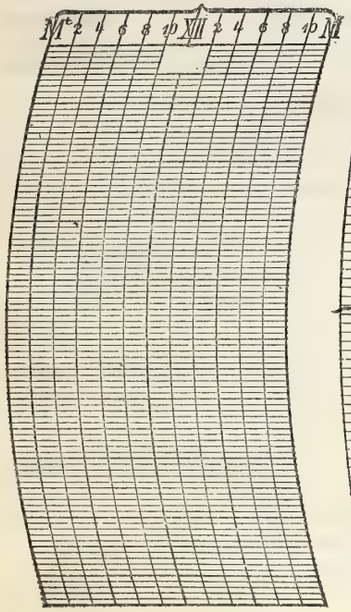
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	9	16	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 2.0. Possible sunshine, hours, 9.2
Per cent of possible sunshine, 22
Prevailing wind direction, S.W. Total wind 213
Average hourly velocity, 8.9 Extreme velocity, 16
Maximum velocity, 15 Direction, W.
Time began, 10:41 a.m.
Reduced barometer, 30.55 7 a. m. 30.22 7 p. m.
River gage, 2.1 Feet.
Relative humidity, 79 7 a. m. 68 7 p. m.

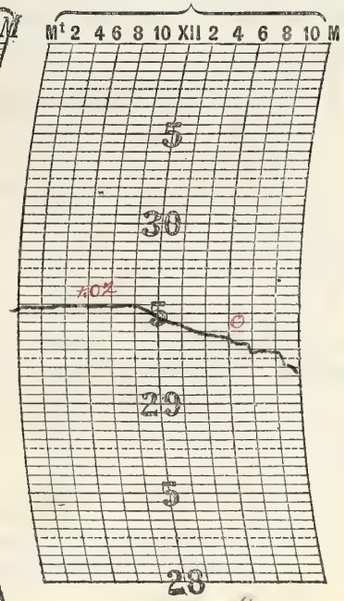
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.5 Wet temperature, 16.5
Dew-point, 8 R. humidity, 56 V. pressure, .057
Clouds: Amount, 5; Kind, Cu St; Direction, N.W.
Velocity of clouds (miles per hour)

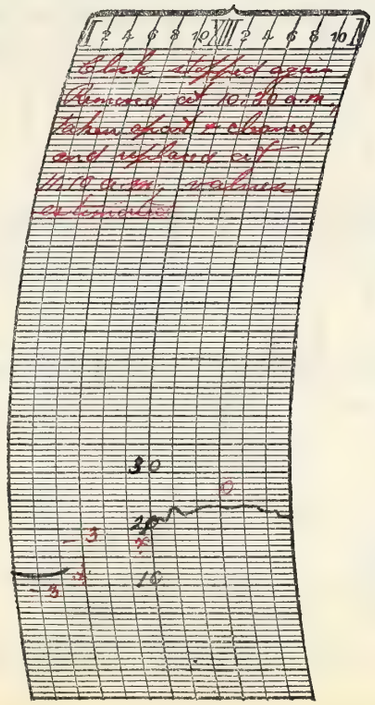
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A healthy sunny day with
slowly rising temperature.
Shore ice this morning.
Clock stopped. Values estimated.

Prepared by

Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) THURSDAY Thursday, (Date) DEC. 1 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	20	20	21	21	21	21	21	21	21	21	22	24	24	25	24	24	24	22	25	25	24	24	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—												
Cloudiness and other conditions									Cloudy						Cloudy									
Sunshine (in tenths of hours)							0	0	0	0	0	0	1.0	0.5	0	0	0							
Wind direction	E	E	E	NE	NE	E	E	E	E	NE	NE	NE	NE	NE	NE	E	NE	NE	E	E	W	W	W	W
Wind movement	14	11	10	8	9	8	8	7	6	5	6	7	8	7	5	3	5	3	4	3	4	5	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:58 Character, Cloudy
Moonrise: 2:23a —
Sunset: Time, 4:13 Character, Cloudy
Moonset: 1:43p, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

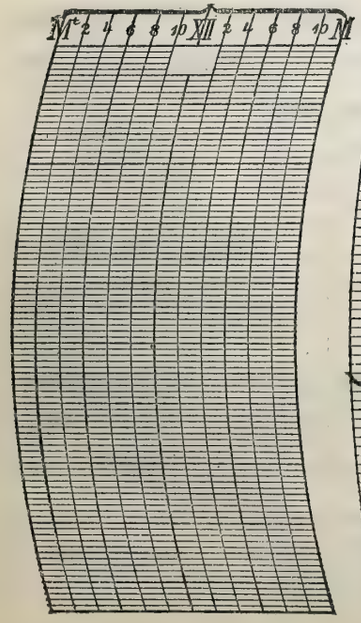
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	20	22	

Total depth of snow for 24 hours ending 7 p. m. 6.0 inches.
Snow, sleet, and hail on ground 7 p. m., 6.0 inches.
Total snowfall, midnight to midnight, 6.0 inches.
Precipitation to 7 a. m., .11 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.5 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 16
Prevailing wind direction, NE+E Total wind 163
Average hourly velocity, 6.8 Extreme velocity, 19
Maximum velocity, 16 Direction, E
Time began, 12:30 a.m.
Reduced barometer, 29.95 7 a. m. 29.85 7 p. m.
River gage, 2.8 Feet
Relative humidity, 93 7 a. m. 87 7 p. m.

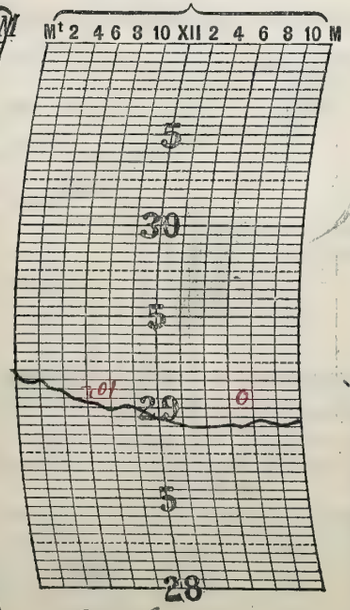
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.3 Wet temperature, 20.3
Dew-point, 18 R. humidity, 81 V. pressure, .083
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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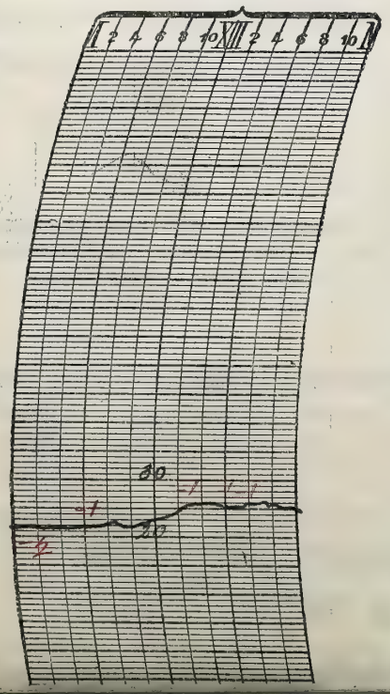


NOTES.

Snowfall at 2:00 a.m., 1.2 inches
Snow on ground at 2:00 a.m., 1.2 inches.
A cloudy day with light moist snow falling that morning hours.

Prepared by C.C.S.
Verified by C. McDonnell

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) [redacted], 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	22	20	18	17	15	15	16	18	20	21
Nature of precipitation and time of beginning and ending							S^m B 6:00					
Amounts of precipitation							—	—	—	—	—	—
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, Character,	6:59 Cloudy											
Moonrise:	3:22a											
Sunshine (in tenths of hours)							0	0	0	0	0.5	0
Wind direction	W	W	SW	W	W	SW	W	W	W	W	W	W
Wind movement	8	11	12	13	14	13	16	14	11	13	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	19	17	15	12	12	11	11	10	10	8
Nature of precipitation and time of beginning and ending			S^m E 4:15									
Amounts of precipitation			—									
Cloudiness and other conditions			→ Pt. Cloudy →		Clear →							
Sunset: Time, Character,									4:14 Clear			
Moonset:									2:24p Cloudy			
Sunshine (in tenths of hours)	0	0.7	0.3 0.2	1.0 0	2.3 0							
Wind direction	NW	NW	NW	NW	W	W	SW	SW	SW	SW	SW	SW
Wind movement	13	12	10	8	6	9	7	8	7	6	6	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

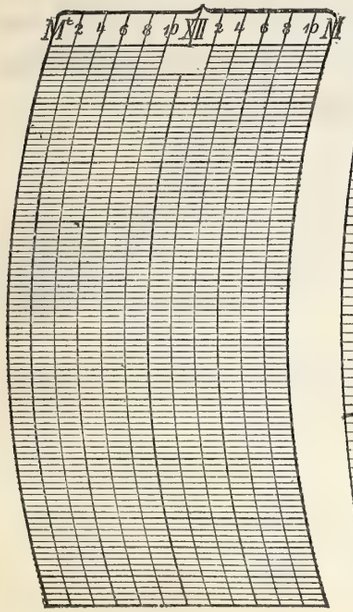
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	8	16	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 6.0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.9 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 32
Prevailing wind direction, W Total wind 252
Average hourly velocity, 10.5 Extreme velocity, 23
Maximum velocity, 20 Direction, SW
Time began, 6:17 a.m.
Reduced barometer, 30.07 7 a. m. 30.18 7, p. m.
River gage, 2.5 feet
Relative humidity, 81 7 a. m. 77 7 p. m.

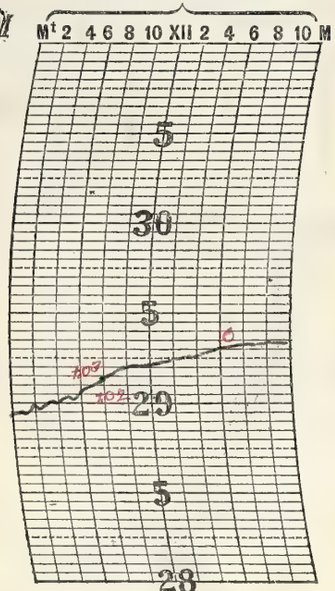
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.7 Wet temperature, 19.2
Dew-point, 16 R. humidity, 78 V. pressure, .08
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

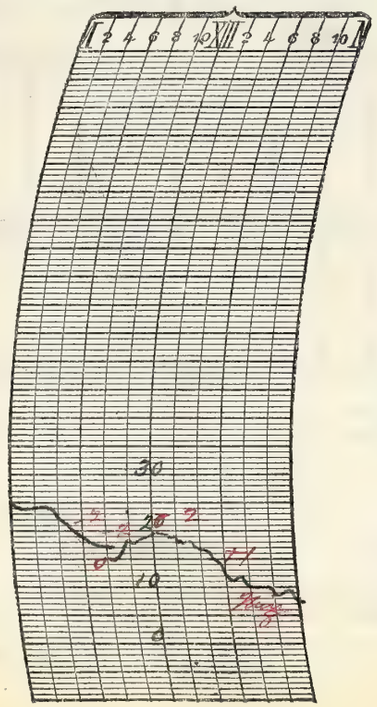
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snowfall 7:00 a.m. = T
Snow on ground at 7:00 a.m. = 6.0 inches
a fairly cloudy and cold day

Prepared by CDB
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 11 1922, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	7	7	8	8	8	10	6	11	16	18	24	28	29	30	30	29	28	27	27	25	25	24	24	24
State of weather: Nature of precipitation and time of beginning and ending																			3:00 B 6:25					
Amounts of precipitation																			—	—	—	—	—	—
Cloudiness and other conditions							← Pt. Cloudy					×			Cloudy							→		
Sunrise: Time, 2:00 Character, Cloudy																								
Moonrise: 4:40 a																								
Sunset: Time, 4:15 Character, Cloudy																								
Moonset: 3:09 P Cloudy																								
Sunshine (in tenths of hours)								0	0	0.1	0.4	0.5	0.1	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	S	SW	S	S	S	S	S	S	S	SE	E	E	E	NE	E	E	NE	NE	NE
Wind movement	6	6	5	6	5	7	3	4	6	8	9	10	7	5	3	5	5	7	6	9	8	9	12	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	3	16	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 5.2 inches.

Total snowfall, midnight to midnight, 2.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.2 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 4.1 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 12

Prevailing wind direction, S Total wind 162

Average hourly velocity, 6.8 Extreme velocity, 14

Maximum velocity, 13 Direction, NE

Time began, 10:08 p.m.

Reduced barometer, 30.31 7 a. m. 30.20 7 p. m.

River gage, 2.5 Feet.

Relative humidity, 55 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

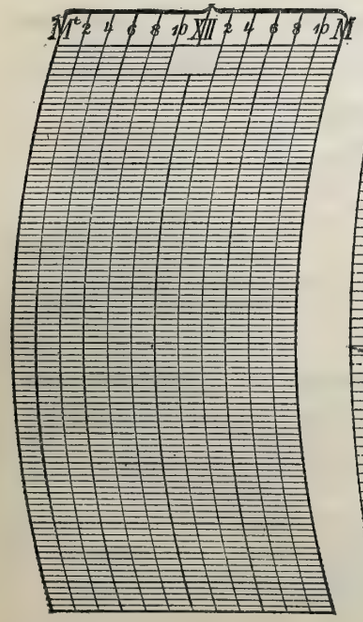
Dry temperature, 28.2 Wet temperature, 25.0

Dew-point, 18 R. humidity, 64 V. pressure, .093

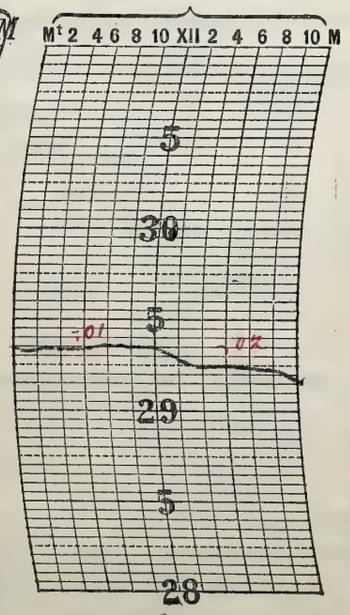
Clouds: Amount, 8; Kind, ASt; Direction, SW.

Velocity of clouds (miles per hour)

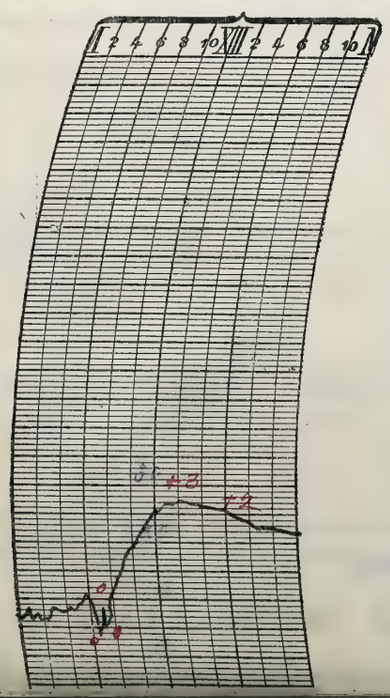
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cold day. Light moist snow commenced in the evening.

Prepared by CWS

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 17 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	24	24	24	24	24	25	27	28	29
State of weather. Nature of precipitation and time of beginning and ending		S^m E 2:00						S^m B 7:25				S^m E 11:15
Amounts of precipitation	—	—						—	—	—	—	—
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, Character,	7:01 Cloudy											
Moonrise:	5:47a Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	N	N	N	NW	W	SW	W
Wind movement	12	13	12	9	11	6	3	5	4	5	9	11
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	27	24	23	22	18	16	15	11	7	4
State of weather. Nature of precipitation and time of beginning and ending	S^m B 12:43	S^m E 1:57		S^m B 3:36			S^m E 6:10					
Amounts of precipitation	—	—		—	—	—	—					
Cloudiness and other conditions				← Cloudy			Sky Clear					
Sunset: Time, Character,									4:14 Cloudy			
Moonset:									3:59p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	NW	NW	NW	NW	NW	NW	NW	W	W	W	SW
Wind movement	12	15	13	15	16	16	16	9	10	10	9	8
Maximum velocities (exceeding 22 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	4	17	

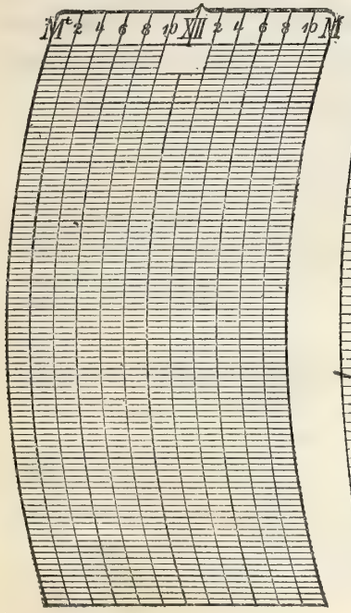
Total depth of snow for 24 hours ending 7 p. m., 2.3 inches.
Snow, sleet, and hail on ground 7 p. m., 5.7 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind 249
Average hourly velocity, 10.4 Extreme velocity, 24
Maximum velocity, 23 Direction, NW
Time began, 3:08 p.m.
Reduced barometer, 30.10 7 a. m. 30.43 7 p. m.
River gage, 2.5 Feet
Relative humidity, 87 7 a. m. 84 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

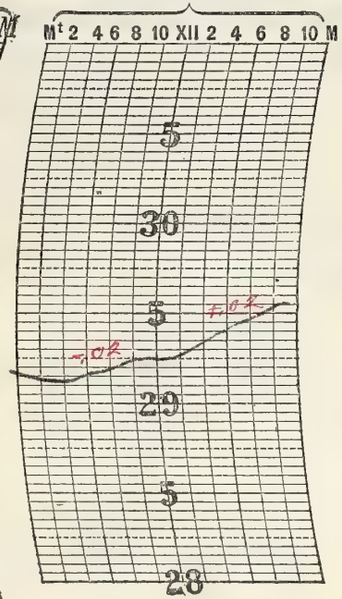
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.8 Wet temperature, 27.0
Dew-point, 24 R. humidity, 80 V. pressure, .124
Clouds: Amount, 10; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

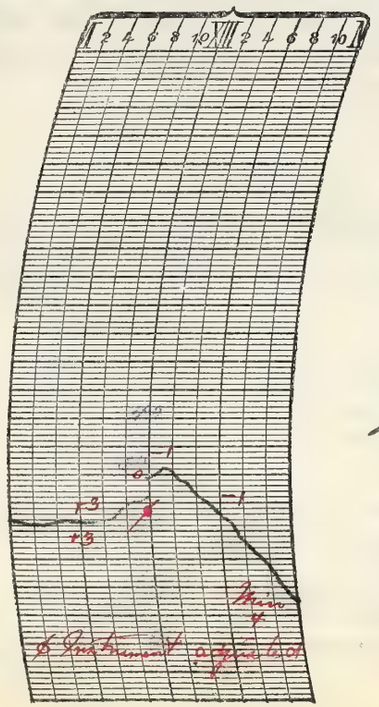
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by 6.008
Verified by C. McDonough

8—486

Estimated

NOTES.

A cloudy day with occasional snow flurries and moderately low temperatures. Considerable snow melted in the morning and early afternoon.

A cold wave warning was received, embodied in the regular morning forecast at 10:00 a.m. It was filtered to all interested parties that could be reached.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 18 1922, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	1	-1	-3	0	-4	-3	-2	1	3	9	11	12	13	14	12	11	9	8	5	4	3	4	4
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←	Cloudy							Clear									→
Sunshine (in tenths of hours)								0	0	0	0	0.2	0.7	0.1	0.6 0.4	1.0 0	.25 0							
Wind direction	W	SW	SW	SW	W	SW	SW	W	W	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	W	W	SW	SW
Wind movement	9	8	9	9	9	9	8	7	7	8	7	7	10	9	8	6	7	6	8	6	7	6	4	4
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 6:42a Cloudy

Sunset: Time, 4:15 Character, Clear
Moonset: 4:54p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

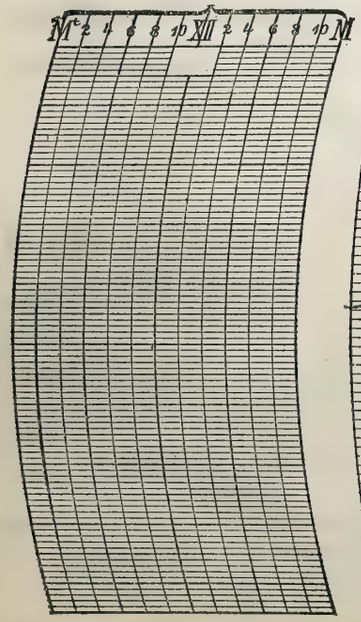
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
14	-4	5	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 15.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, New-6:00a
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 35
Prevailing wind direction, SW Total wind 178
Average hourly velocity, 7.4 Extreme velocity, 2
Maximum velocity, 12 Direction, SW
Time began, 12:48pm,
Reduced barometer, 30.63 7 a. m. 30.60 7 p. m.
River gage, 2.4 Feet
Relative humidity, 70 7 a. m. 63 7 p. m.

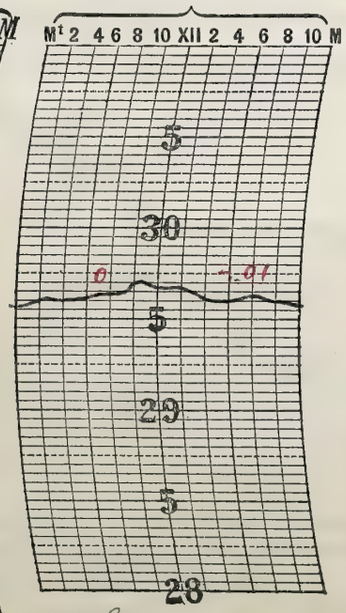
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 10.6 Wet temperature, 9.2
Dew-point, 4 R. humidity, 71 V. pressure, .047
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

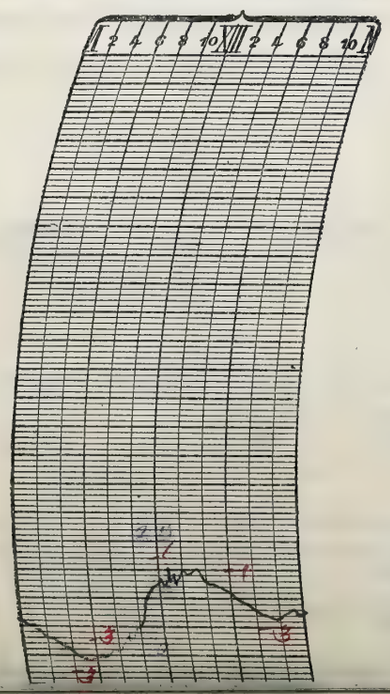
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The minimum temperature -4 degrees was the lowest so far this season. A partly cloudy and cold day.

Prepared by CHS

Verified by P. mon

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) DEC 19 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	5	4	5	5	6	6	5	6	8	11	14	17	20	22	22	21	20	19	20	20	21	22	22	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←		Clear				Clear	→	x Pt Cldy	x	Cloudy	x	Pt Cldy	→				
Sunshine (in tenths of hours)								.9	1.0	1.0	0.5		1.0	0.2	0	0	0							
								0	0	0	0.5	0.9												
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	S	S	S	S
Wind movement	4	5	4	3	4	4	5	7	9	11	10	9	9	8	7	7	5	6	7	9	7	10	11	15
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:02; Character, Clear. Moonrise: 7:42a Clear.

Sunset: Time, 4:15; Character, Cloudy. Moonset: 5:54p Cloudy.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	24	3	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 6.1 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 66

Prevailing wind direction, S Total wind 176

Average hourly velocity, 7.3 Extreme velocity, 18

Maximum velocity, 18 Direction, S

Time began, 11:50 p.m.

Reduced barometer 30.52 7 a. m. 30.38 7, p. m.

River gage, 2.4 Feet

Relative humidity, 60 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

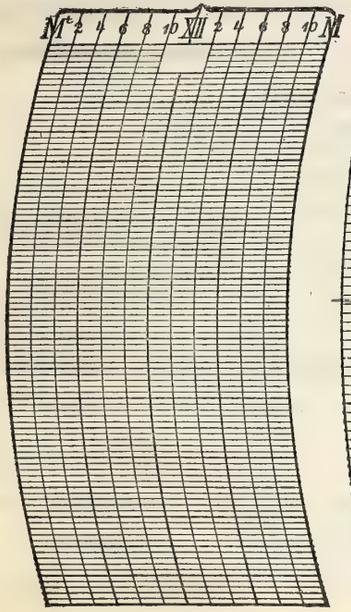
Dry temperature, 16.0 Wet temperature, 13.8

Dew-point, 7 R. humidity, 63 V. pressure, .054

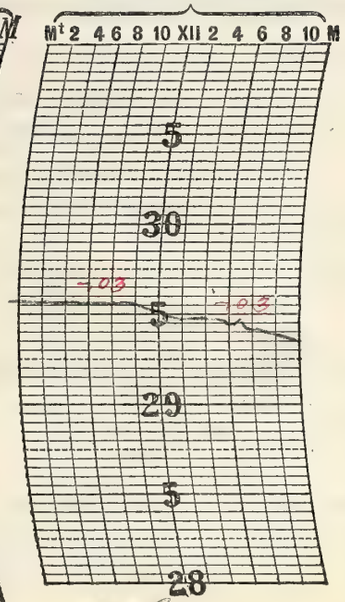
Clouds: Amount, 3; Kind, Cu St; Direction, 0

Velocity of clouds (miles per hour)

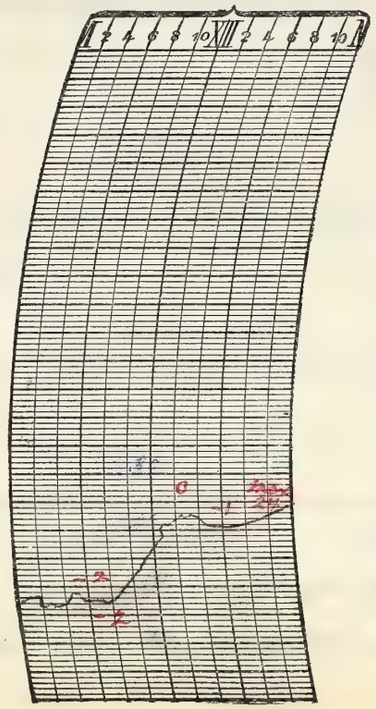
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with moderate day low temperatures

Prepared by CCS

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Wednesday, (Date) DEC 20 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	26	26	27	28	28	28	29	30	31	34	35	36	37	36	35	33	31		30	29	29	29	28
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Cloudy						Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0												
Wind direction	S	S	S	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW	NW	
Wind movement	18	16	15	14	14	13	15	14	15	17	17	17	18											
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 7:02 Character, Cloudy
Moonrise: 8:31a Cloudy
Sunset: Time, 4:25 Character, Cloudy
Moonset: 6:30p

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

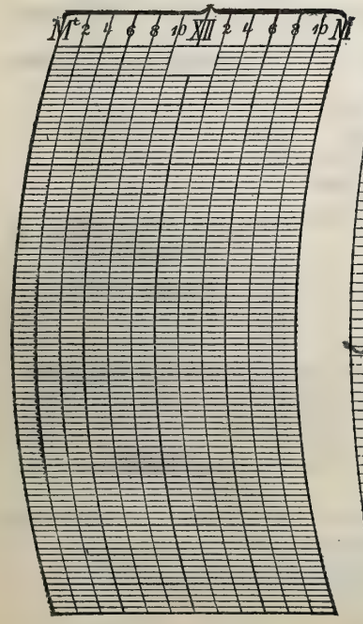
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	24	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, Total wind
Average hourly velocity, Extreme velocity,
Maximum velocity, 22 Direction, W
Time began,
Reduced barometer, 30.13 7 a. m. 7 p. m.
River gage, 2.4 feet
Relative humidity, 81 7 a. m. 7 p. m.

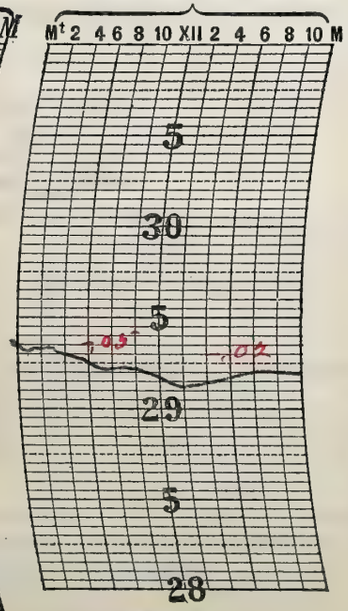
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.0 Wet temperature, 30.4
Dew-point, 21 R. humidity, 51 V. pressure, .108
Clouds: Amount, 10; Kind, St; Direction, SW.
Velocity of clouds (miles per hour)

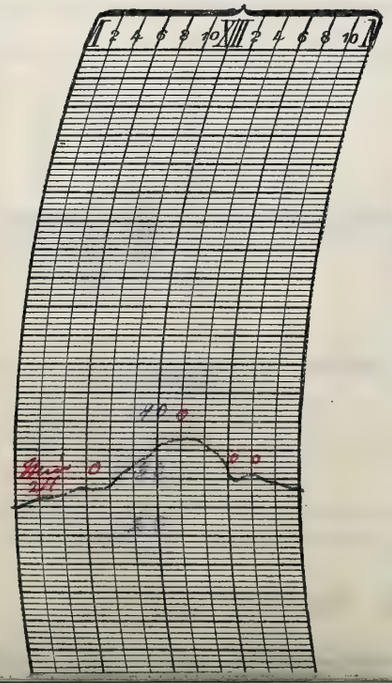
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The mild temperatures during most of the day light hours caused a rapid melting of the snow.
A lowest of a hourly velocity made of 22° readings was observed from 2.05 pm to 2.15 pm.

Prepared by O. Mar

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) Thursday, (*Date*) DEC 21 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	26	26	25	25		26	27	29	27	30
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)								0	0	0		
Wind direction	NE	N	N	NE	NE	NE	NE	N	N	N	SW	SW
Wind movement	4	4								4		
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	30	29	29	28	28	28	28	27	26	26
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0.3	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW
Wind movement	13	11	12	12			11	9	12	9		
Maximum velocities (exceeding ___ miles) direction and time												

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: 7:55 Cloudy

Sunset: Time, 4:46 Character, Cloudy
Moonset: 7:00 Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	25	28	

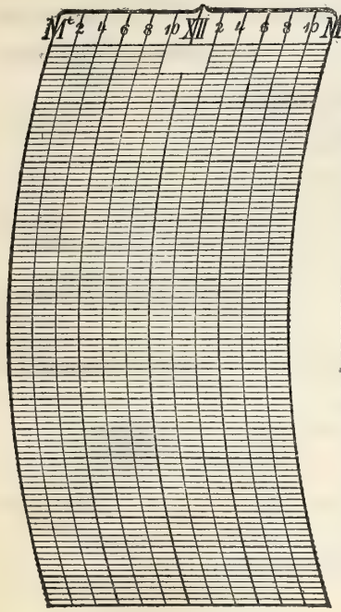
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to ___ a. m., ___ ins.; to ___ p. m., ___ ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, ___
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0.0
Prevailing wind direction, ___ Total wind ___
Average hourly velocity, 8.9 Extreme velocity, 20
Maximum velocity, 20 Direction, SW
Time began, ___
Reduced barometer, 29.7 a. m. ___, p. m.
River gage, ___
Relative humidity, ___ a. m. ___ p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

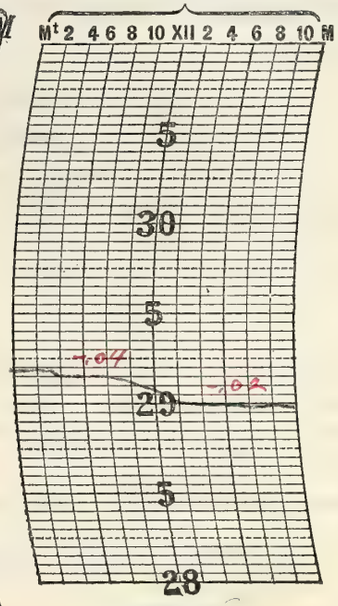
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.2 Wet temperature, 26.8
Dew-point, 23.3 R. humidity, 73 V. pressure, 0.2
Clouds: Amount, ___; Kind, ___; Direction, ___
Velocity of clouds (miles per hour) ___

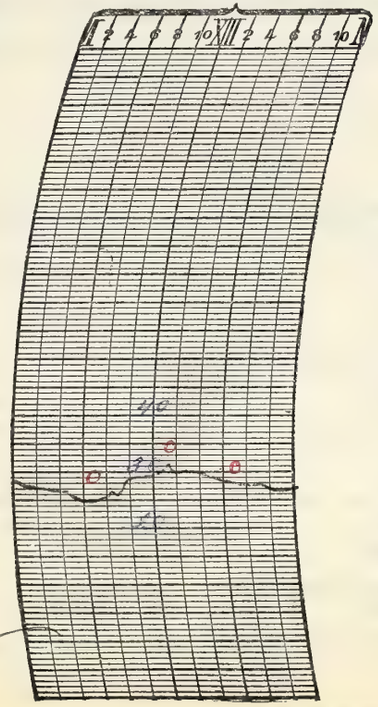
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperature

Prepared by ___

Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) Dec 27 1929, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	25	25	25	26	26	25	26	28	31	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunshine (in tenths of hours)												
Wind direction	SW	W	SW	SW	SW	SW	SW	SW	SW	W	SW	
Wind movement					10		2		2			
Maximum velocities (exceeding ___ miles) direction and time												

Sunrise: Time, 7:03 Character, Cloudy
Moonrise: 9:07 a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	38	37	35	36	36	36	36	37	36	36	37
State of weather: Nature of precipitation and time of beginning and ending							PD					
Amounts of precipitation												
Cloudiness and other conditions	Clear				Cloudy							
Sunshine (in tenths of hours)	1.0	0.5	0.5									
Wind direction	SW	SW	SW	SW	SW	SW			S	S	S	S
Wind movement	12	11	11	10	13	13	15	12	13	14	15	
Maximum velocities (exceeding ___ miles) direction and time												

Sunset: Time, 4:16 Character, Cloudy
Moonset: 8:00 p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	25	32	

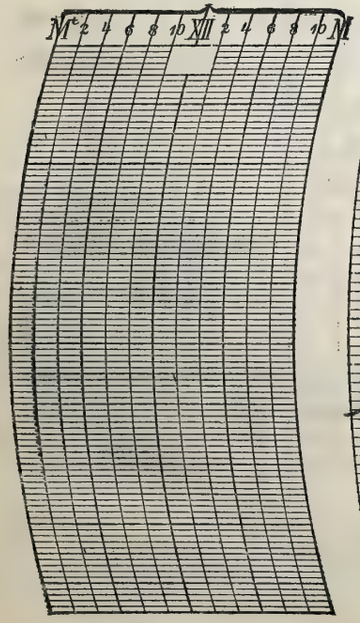
Total depth of snow for 24 hours ending ___ p. m., 2 inches.
Snow, sleet, and hail on ground ___ p. m., 2 inches.
Total snowfall, midnight to midnight, ___ inches.
Precipitation to 7 a. m., ___ ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, ___ inches.
Character of day, Cloudy Moon phase, ___
Average daily cloudiness (0-10), ___
Actual sunshine, hours, 5.1 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 55
Prevailing wind direction, SW Total wind 259
Average hourly velocity, ___ Extreme velocity, ___
Maximum velocity, 18 Direction, ___
Time began, ___
Reduced barometer, 29.95 7 a. m. 29.42 7 p. m.
River gage, 2.4 Fall
Relative humidity, 76 7 a. m. 77 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

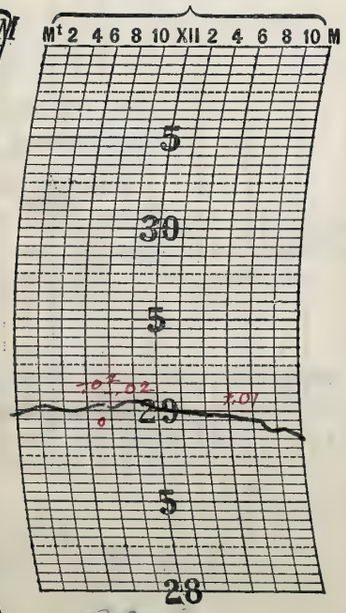
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.8 Wet temperature, 30.2
Dew-point, 25 R. humidity, 66 V. pressure, .120
Clouds: Amount, 3; Kind, A St; Direction, NW
Velocity of clouds (miles per hour)

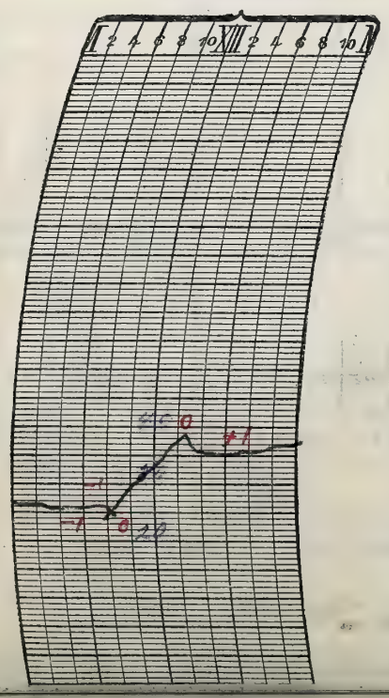
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pleasantly clearing and mild day

Prepared by

P. McDonnell

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) DEC 23 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	35	35	33	[illegible]	31	31	32	33	33	35	35	35	35	34	34	34	33	33	33	33	33
State of weather. Nature of precipitation and time of beginning and ending																					RB 8:48	17		
Amounts of precipitation																								
Cloudiness and other conditions							Clear	RB		Cloudy					Cloudy									
Sunrise: Time, 2:04 Character, Cloudy																					Sunset: Time, 4:17 Character, Cloudy			
Moonrise: Time, [illegible] Character, [illegible]																					Moonset: Time, [illegible] Character, [illegible]			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	SW	SW	SW	SW	SW	W	W	SW	W		W	W	W	W	W	SW	SW	SW	W	W	SW	S
Wind movement	12	10	10	13	12	12	9	11	12	9	12	12	9	10	11	9	8	7	8	9	8	7	6	5
Maximum velocities (exceeding 25 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	31	34	

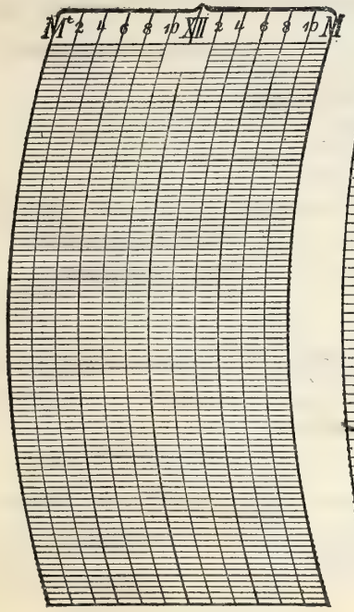
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW W Total wind [illegible]
Average hourly velocity, 9.8 Extreme velocity, 17
Maximum velocity, 16 Direction, W
Time began, 8:30 am
Reduced barometer, 29.50 7 a. m. 29.24 7 p. m.
River gage, 2.4 Frost
Relative humidity, 90 7 a. m. 90 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

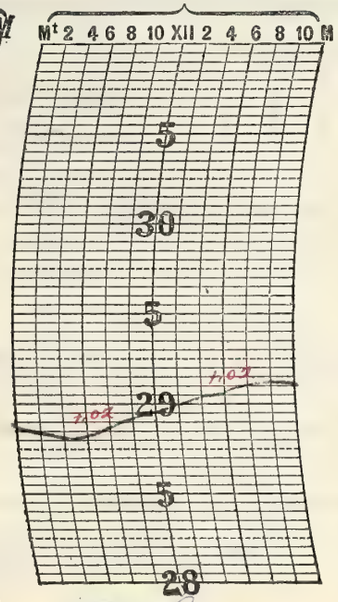
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.6 Wet temperature, 32.6
Dew-point, 32 R. humidity, 90 V. pressure, .180
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

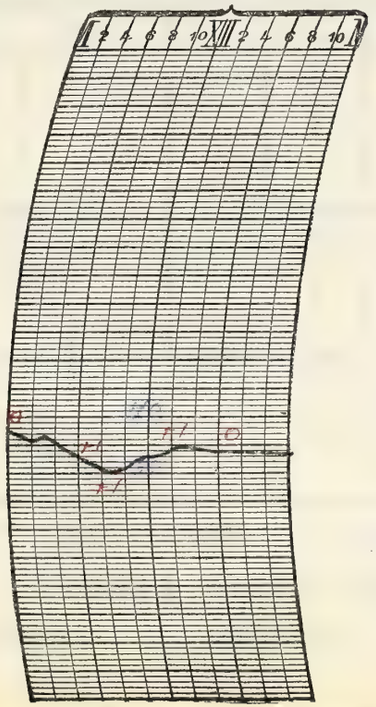
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

a cloudy day with moderate temperature

Prepared by

Verified by C. McDonough

8—486

Form No. 1011 Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 24 1922, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	33	33		32	33	33	33	34
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW
Wind movement	7	8	8	8	8	8	7	7	7			6

Sunrise: Time, 7:10 A. Character, Cloudy. Moonrise: 11:55 P. Character, Cloudy.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	35	35	35	34		35	35	35	34	33
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	S	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	8	7	7	7	6	5	5	4	4	3	1	2

Sunset: Time, 4:50 P. Character, Cloudy. Moonset: 10:[illegible] P. Character, [illegible].

Maximum velocities (exceeding [illegible] miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

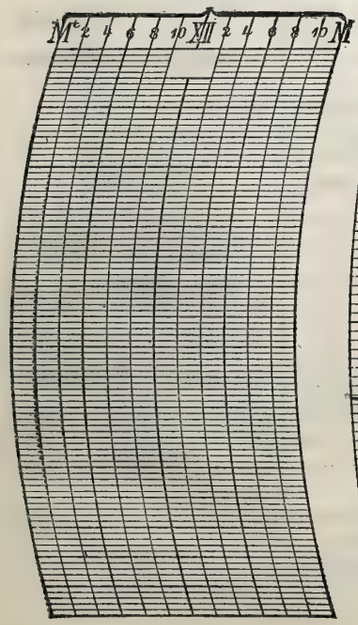
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	32	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 114
Average hourly velocity, 7.0 Extreme velocity, 15
Maximum velocity, 15 Direction, S
Time began, 11:03 A.M.
Reduced barometer, 30.06 7 a. m. 29.82 7, p. m.
River gage, 2.4 Fall
Relative humidity, 89 7 a. m. 26 7 p. m.

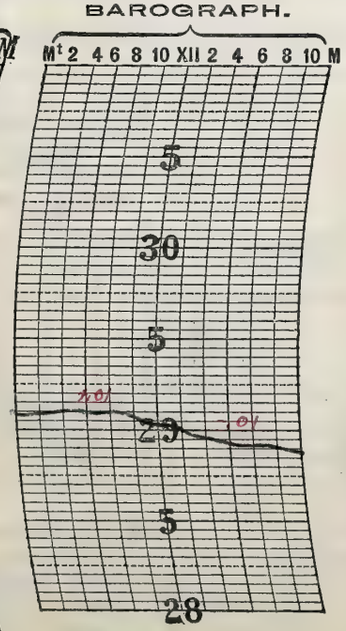
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.0 Wet temperature, 32.0
Dew-point, 22 R. humidity, 81 V. pressure, .157
Clouds: Amount, 10; Kind, ST; Direction, SW.
Velocity of clouds (miles per hour)

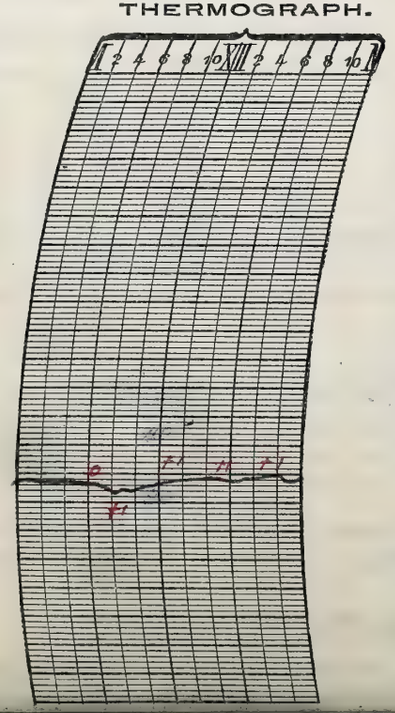
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and dark day with mild temperature. Fog remained most of the day obscuring the sun.

Prepared by [illegible]

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) DEC 25 1922, 192

Time (local standard). 75th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	30	27	24	24	25		25	26	26	30	34	38	40	42	41	40	39	39	40	40	41	42	42
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							— Foggy			→ Cloudy			→ Pt. Cloudy							→ Clear				
Sunshine (in tenths of hours)								0	0	0	0	0.6	1.0	0.7	1.0	0.5	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	1	1	2	1	2	2	3	2	4	5	5												
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 7:45 Character, Foggy
Moonrise: 11:23a Cloudy
Sunset: Time, 4:48 Character, Cloudy
Moonset: 11:48p

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

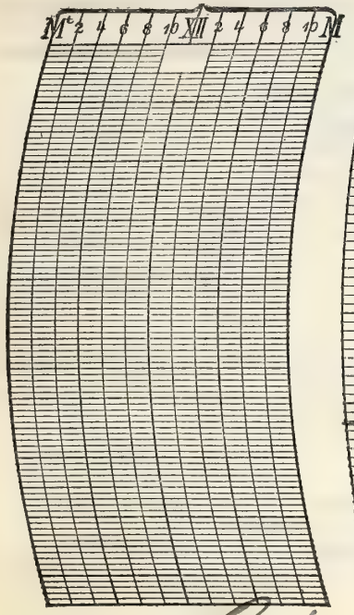
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	24	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, [illegible]
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.8 Possible sunshine, hours, 9.2
Per cent of possible sunshine, [illegible]
Prevailing wind direction, SW Total wind 121
Average hourly velocity, 7.1 Extreme velocity, 16
Maximum velocity, 18 Direction, SW
Time began, [illegible]
Reduced barometer, 29.79 7 a. m. 29.86 7, p. m.
River gage, 2.4 feet
Relative humidity, 100 7 a. m. 83 7 p. m.

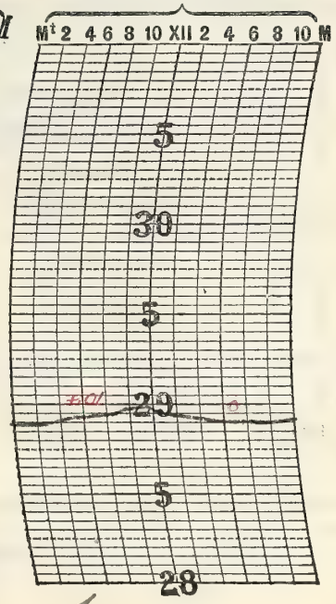
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.0 Wet temperature, 32.0
Dew-point, 29 R. humidity, 86 V. pressure, .15
Clouds: Amount, 8; Kind, Strat Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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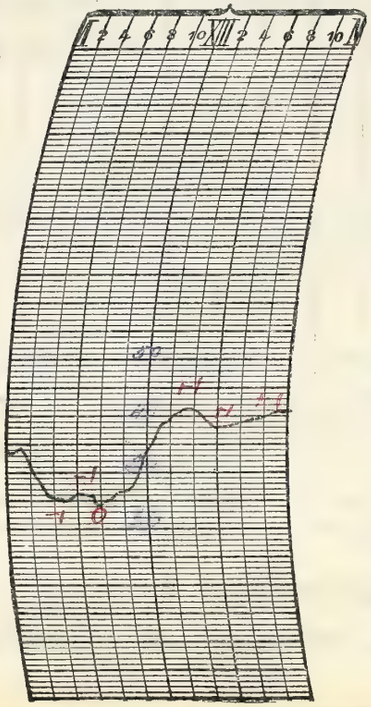


NOTES.

Dense Fog began — 10 A.M.
Dense Fog ended — 9.30 A.M.
Light Fog began — 7.30 A.M.
Light Fog ended — 4.45 p.m.
A cloudy and mild day.
The maximum temperature today was the highest seen recorded in 5 consecutive years. The minimum of the station in the city.

Prepared by U. S. S.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 26 1922, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	40	40	38	37	36	36	36	38	41	42	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clearing		Cloudy			
Sunshine (in tenths of hours)								0	0	0.7	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW			
Wind movement	14	12	11	9	8	6	6	7		3	4	
Maximum velocities (exceeding 40 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	43	42	40	39	39	38	37	36	36	35	35
State of weather: Nature of precipitation and time of beginning and ending										HB 9:30		HE
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	1.0	1.0	0	0								
Wind direction	NE	NE	NE	NE			E	E	NE	NE	NE	
Wind movement	1	8	8	8	6	8	8	11	12	12	12	
Maximum velocities (exceeding 40 miles) direction and time												

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: 11:52 a Cloudy

Sunset: Time, 4:12 Character, Cloudy
Moonset: — —

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	35	39	

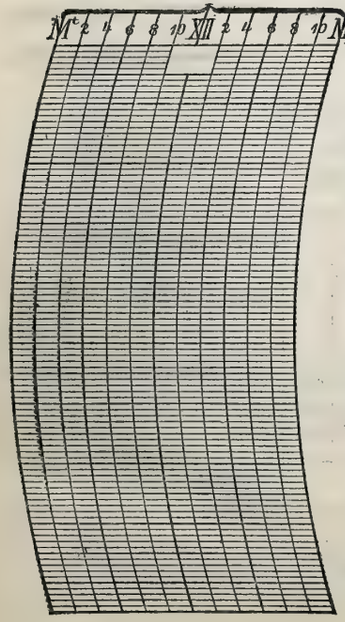
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 4.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 51
Prevailing wind direction, SW Total wind ____
Average hourly velocity, 12 Extreme velocity, ____
Maximum velocity, ____ Direction, ____
Time began, ____
Reduced barometer, 29.96 7 a. m. 29.98 7 p. m.
River gage, 2.5 ft 7 a. m.
Relative humidity, 89 7 a. m. 0 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

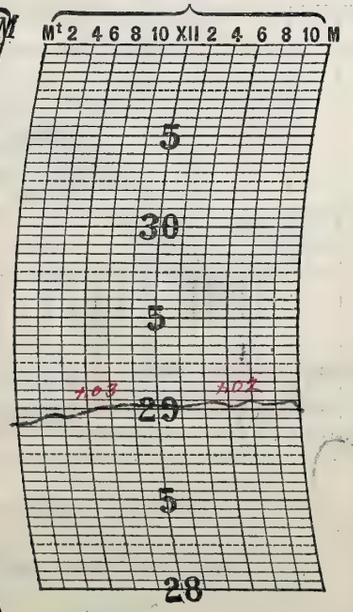
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.8 Wet temperature, 38.8
Dew-point, 34 R. humidity, 70 V. pressure, 0.195
Clouds: Amount, 7; Kind, Ast.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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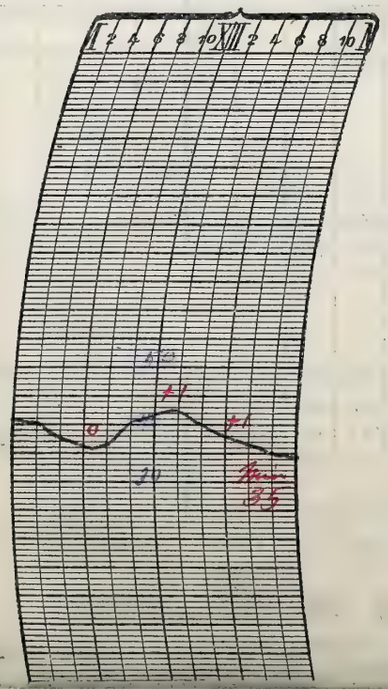


NOTES.

a cloudy day with mild temperature

Prepared by H. M. Denison

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) DEC 2, 1925, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	34	34	34	34	34	34	33	33	33	33	33	32	32	32	32	32	32	32	32	32	31
State of weather: Nature of precipitation and time of beginning and ending								RS 7:52													RE 9:00 RS 11:B			
Amounts of precipitation																								
Cloudiness and other conditions							←		Cloudy							Cloudy							→	

Sunrise: Time, 7:05 Character, Cloudy

Moonrise: 10:10 Cloudy

Sunset: Time, 4:19 Character, Cloudy

Moonset: 12:38a

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	12	8	12	10	10	10	8	10	10	10	10	22	21	22	22	22	22	22	22	22	22	22	22
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	31	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., .54 ins.

Total precipitation, midnight to midnight, .64 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 0.2

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind 434

Average hourly velocity, 18.1 Extreme velocity, 22

Maximum velocity, 25 Direction, NE

Time began, 2:20 p.m.

Reduced barometer, 29.84 7 a. m. 29.84 7 p. m.

River gage, 2.85 ft

Relative humidity, 95 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

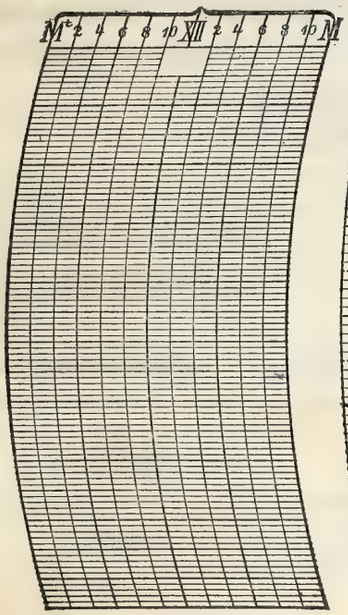
Dry temperature, 33.0 Wet temperature, 31.8

Dew-point, 30 R. humidity, 85 V. pressure, .16

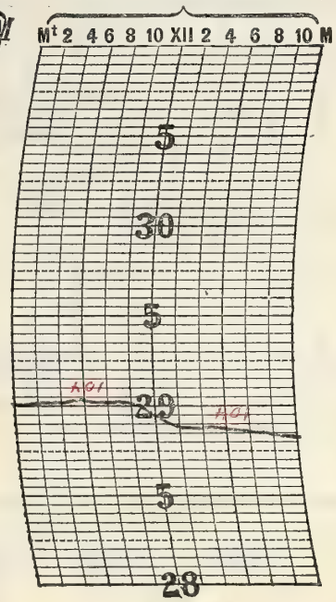
Clouds: Amount, 10; Kind, ; Direction, E

Velocity of clouds (miles per hour)

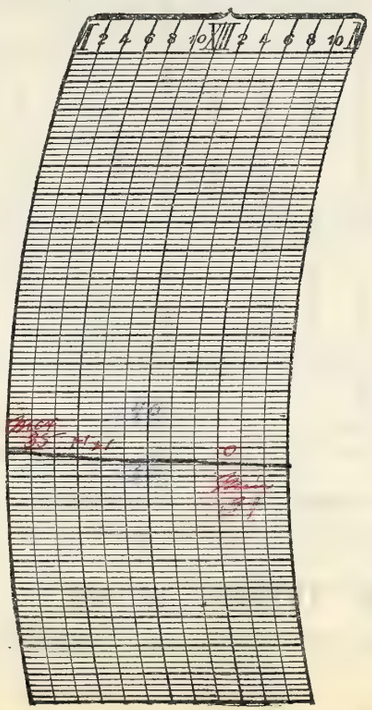
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated

a cloudy day with rain and moderate temperatures

Prepared by

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 25 1902, 192

Time (local standard). 75 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	30	30	30	30	30	31	31	31	30	30
State of weather: Nature of precipitation and time of beginning and ending											SNB 10:30 SNE 10:50	
Amounts of precipitation												
Cloudiness and other conditions									Cloudy			

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	29	29	27	26	26	26	24	24	24	24	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 12:57 P Cloudy

Sunset: Time, 4:46 Character, Cloudy
Moonset: 12:32 --

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	N	N	N	N	N	N	N	N
Wind movement	15	16	7	4	12	12	7	5	13	13	11	11
Maximum velocities (exceeding 10 miles) direction and time												

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	NE	NE	NE
Wind movement	12	14	13	12	15	13	12	9	8	8	9	7
Maximum velocities (exceeding 10 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

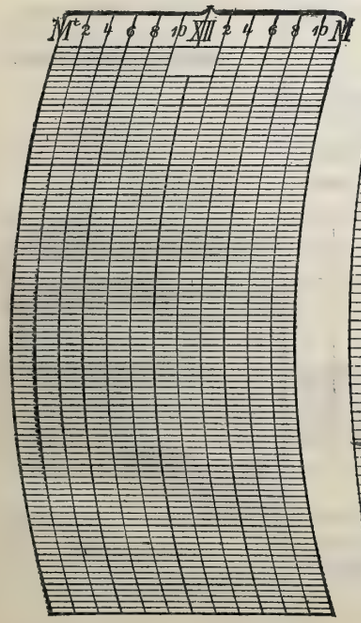
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	24	28	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground ---- p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to ---- a. m., ---- ins.; to ---- p. m., ---- ins.
Total precipitation, midnight to midnight, ---- inches.
Character of day, Cloudy Moon phase, ----
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 0.2
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind 207
Average hourly velocity, 12.9 Extreme velocity, 15
Maximum velocity, 18 Direction, NE
Time began, 6:20 a.m.
Reduced barometer, 29.84 7 a. m. 30.10 7, p. m.
River gage, 5.6 Fall
Relative humidity, 94 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.8 Wet temperature, 28.9
Dew-point, 27 R. humidity, 90 V. pressure, .143
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



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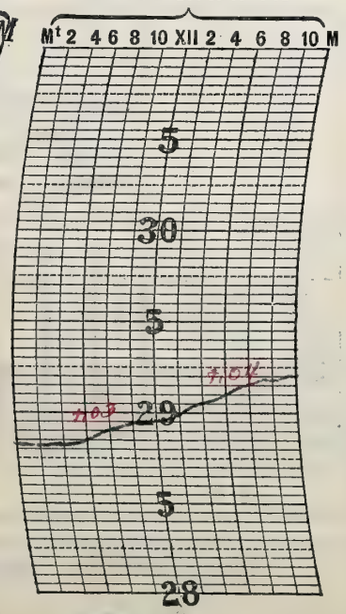
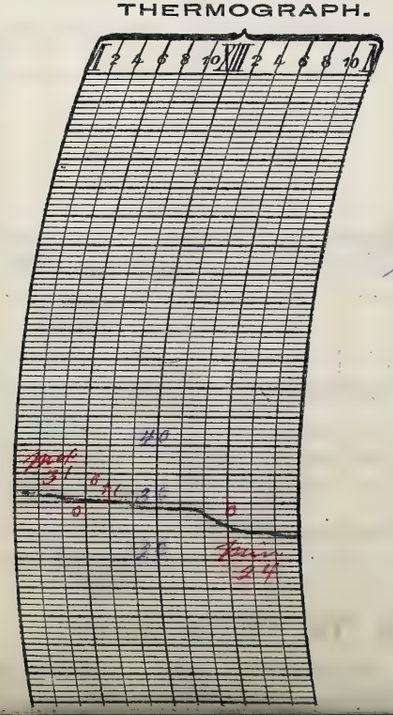


THERMOGRAPH.



NOTES.

Snowfall 8 p.m. 0.2
Snow on ground at 7 p.m. 0.2
Snowfall 8 p.m. -
A cloudy day with slowly falling temperature
Mists and rain mixed in
as a result of rain & last night

Prepared by
Verified by C. McDonough
Form No. 1011 Mod.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 29 1922, 192

Time (local standard). ___ mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	23	23	23	[illegible]	24	25	28	28	28	29	31	31	31	30	30	29	29	29	29	28	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, 7:06 Character, Clear																					Sunset: Time, 4:56 Character, Cloudy			
Moonrise: 1:42a Cloudy																					Moonset: 2:36a			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	10	4	3	4	3	11	4	4	4	4	4	4	6	4	6	6	7	7	8	9	7	10	11	11
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

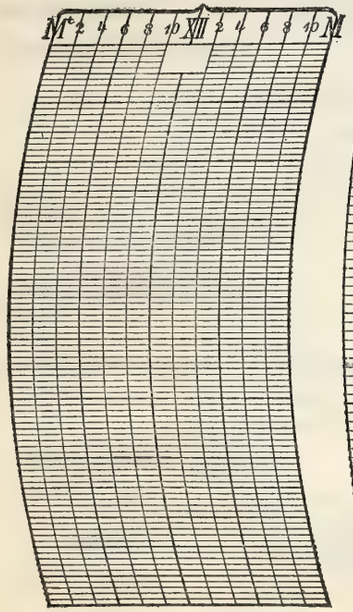
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	23	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, ___
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 0.2
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind 150
Average hourly velocity, 6.2 Extreme velocity, 15
Maximum velocity, 15 Direction, SE
Time began, 11:28 a.m.
Reduced barometer, [illegible] a. m. 30.07 p. m.
River gage, [illegible]
Relative humidity, [illegible] a. m. 71 p. m.

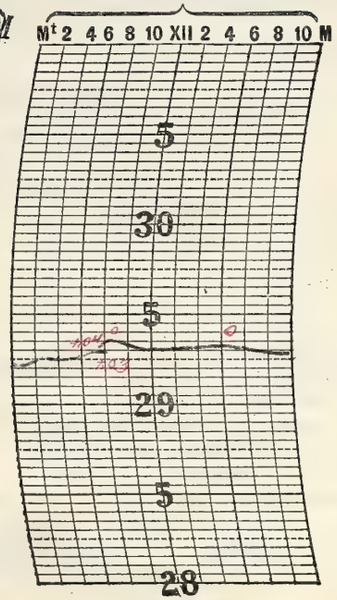
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 27.6 Wet temperature, 26.0
Dew-point, 23 R. humidity, 81 V. pressure, 11.8
Clouds: Amount, 10; Kind, St; Direction, S
Velocity of clouds (miles per hour)

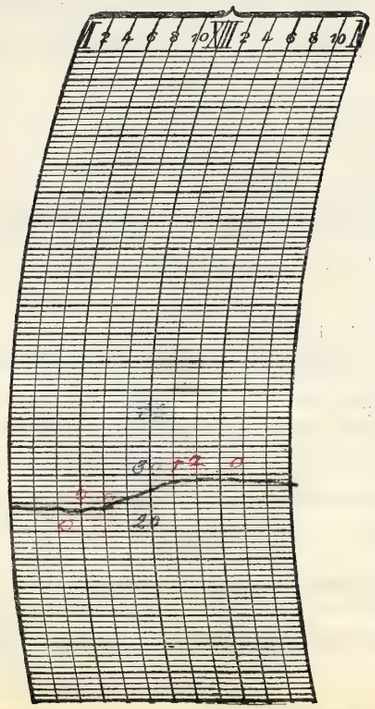
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Except in a few places where the have been cleared, streets and sidewalks are very wet and muddy. A cloudy day with moderate temperatures.

Prepared by [illegible]
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) Oct 30 1922, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	29	26	26	26	26	27	28	32	34	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							←	Cloudy				
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	9	8	7	7	5	6	7	8	8	8	10	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	40	37	30	37	29	34	30	29	30
State of weather: Nature of precipitation and time of beginning and ending										RAIN		
Amounts of precipitation										—	—	—
Cloudiness and other conditions												→
Sunshine (in tenths of hours)												
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	11	13	12		12			8	13	12	

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 2:00 Cloudy

Sunset: Time, 4:22 Character, Cloudy
Moonset: 3:29 —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

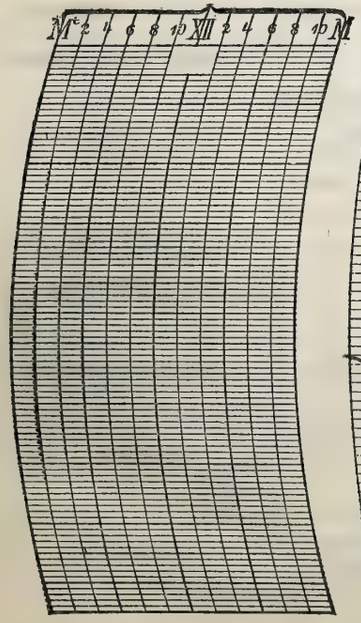
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	26	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 5 p. m., 1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.11 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 0.4 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 4.5
Prevailing wind direction, S Total wind
Average hourly velocity, Extreme velocity,
Maximum velocity, Direction,
Time began,
Reduced barometer, 30.15 7 a. m. 29.98 7 p. m.
River gage, 5.5 Feet
Relative humidity, 83 7 a. m. 77 7 p. m.

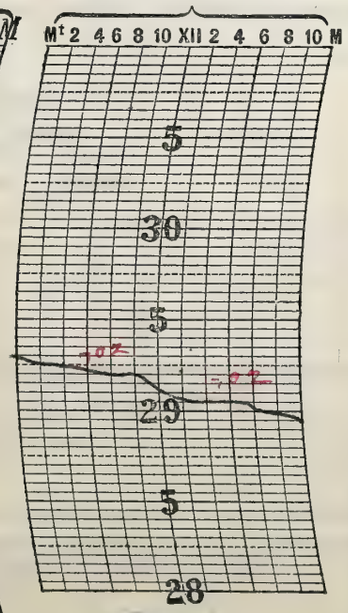
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.0 Wet temperature, 33.0
Dew-point, 29 R. humidity, 73 V. pressure, .157
Clouds: Amount, 9; Kind, Strat; Direction, S
Velocity of clouds (miles per hour)

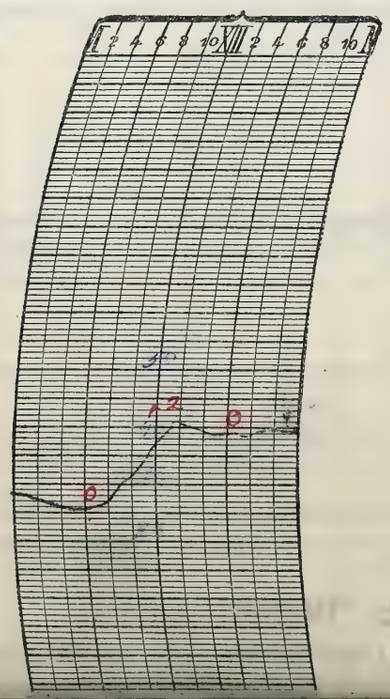
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Above freezing temperature today caused most of the ice-coat on the sidewalks and streets to melt. A cloudy day with moderate temperature.

A minimum temp. of 22° was observed at 5 a. m.

Prepared by

Verified by P. McDonough

Form No. 101 Sec.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

DEC 31 1922

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) _____, 192

Time (local standard). 90th mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]	43	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	31	[illegible]	[illegible]	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather. Nature of precipitation and time of beginning and ending															RE 2+0									
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy						←				Cloudy					→		

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 2:55p Cloudy
Sunset: Time, [illegible] Character, Cloudy
Moonset: [illegible]

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)													0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	[illegible]	16	16	[illegible]	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16	15	18	18	16	18	16	15	16	16	13	11
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

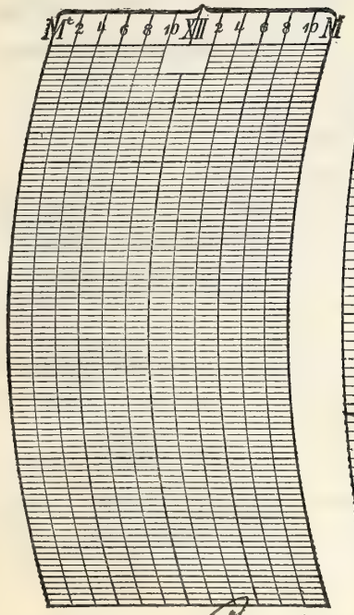
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
[illegible]	[illegible]	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., [illegible] ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.35 inches.
Character of day, Cloudy, Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 381
Average hourly velocity, 15.9 Extreme velocity, 24
Maximum velocity, 24 Direction, SW
Time began, 11:11 a.m.
Reduced barometer, [illegible] a. m. 29.78 p. m.
River gage, [illegible]
Relative humidity, [illegible] a. m. 68 p. m.

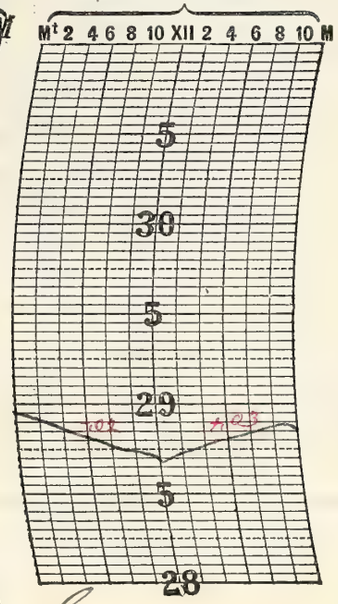
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, [illegible] Wet temperature, [illegible]
Dew-point, 44 R. humidity, 64 V. pressure, [illegible]
Clouds: Amount, 10; Kind, Nb; Direction, [illegible]
Velocity of clouds (miles per hour)

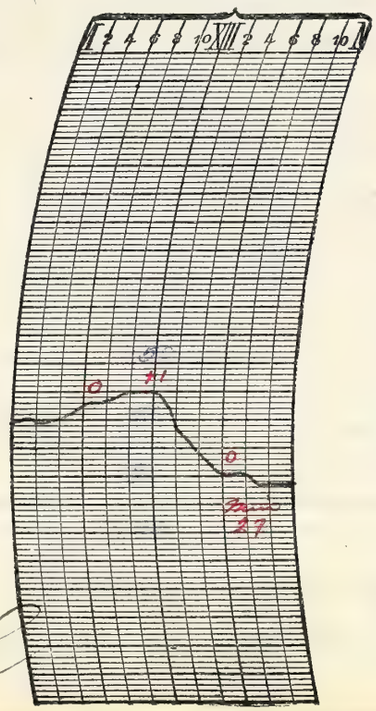
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Morning observations taken one hour late, or at 7:00 a.m., for the reason that conditions unusual. [illegible]

A trace of snow was on the ground at 7 p.m., but by the night observation the snow had disappeared.

Moderately warm in the morning, but with falling temperature during the day. Rain fell during a considerable part of the day ending at 24 hour. Cloudy, gloomy, and unpleasant weather.

Prepared by C. O. S.
Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). ..... mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0–10), ...

Actual sunshine, hours, ... Possible sunshine, hours, ...

Per cent of possible sunshine, ...

Prevailing wind direction, ... Total wind .....

Average hourly velocity, ... Extreme velocity, ...

Maximum velocity, ... Direction, ...

Time began, ...

Reduced barometer, ... a. m. ....., p. m.

River gage, ...

Relative humidity, ... a. m. ..... p. m.

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

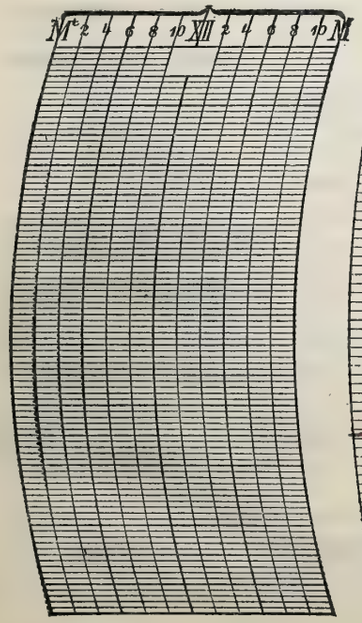
Dry temperature, ... Wet temperature, ...

Dew-point, ... R. humidity, ... V. pressure, ...

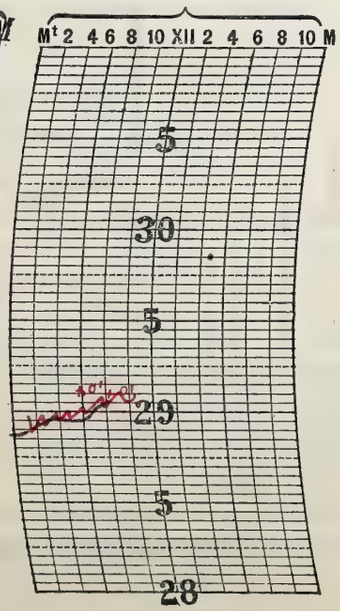
Clouds: Amount, ...; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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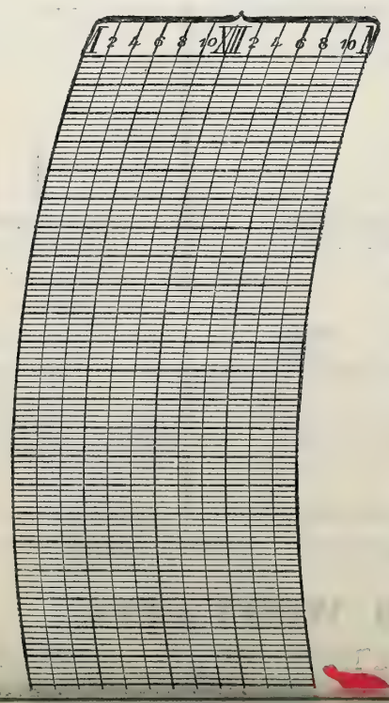


NOTES.

Prepared by .....

Verified by .....

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____, p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

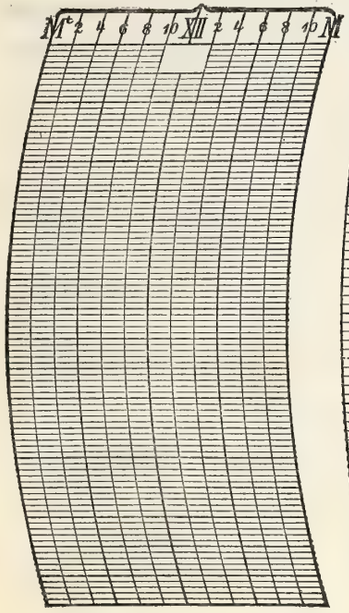
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

THERMOGRAPH.



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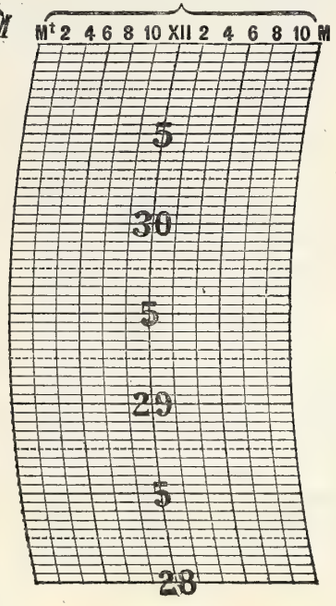

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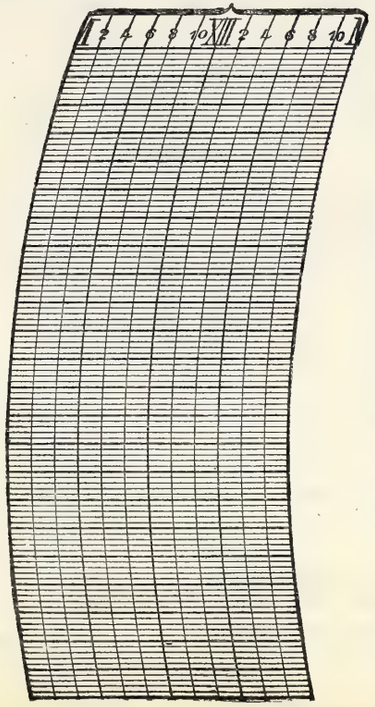


NOTES.

Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). ..... mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, ... Moonrise:																				Sunset: Time, Character, ... Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0–10), ...

Actual sunshine, hours, ... Possible sunshine, hours, ...

Per cent of possible sunshine, ...

Prevailing wind direction, ... Total wind .....

Average hourly velocity, ... Extreme velocity, ...

Maximum velocity, ... Direction, ...

Time began, ...

Reduced barometer, ... a. m. ....., p. m.

River gage, ...

Relative humidity, ... a. m. ..... p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

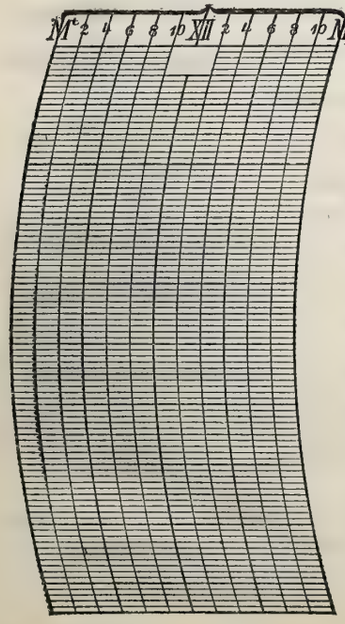
Dry temperature, ... Wet temperature, ...

Dew-point, ... R. humidity, ... V. pressure, ...

Clouds: Amount, ...; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

THERMOGRAPH.



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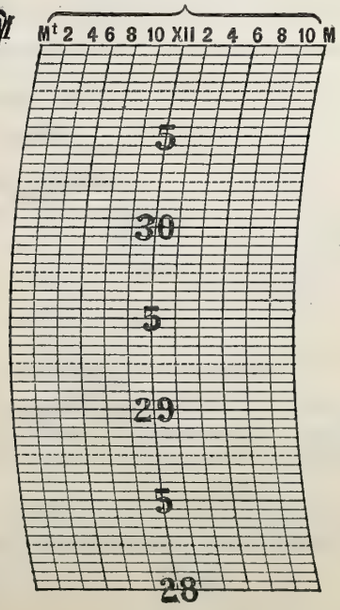

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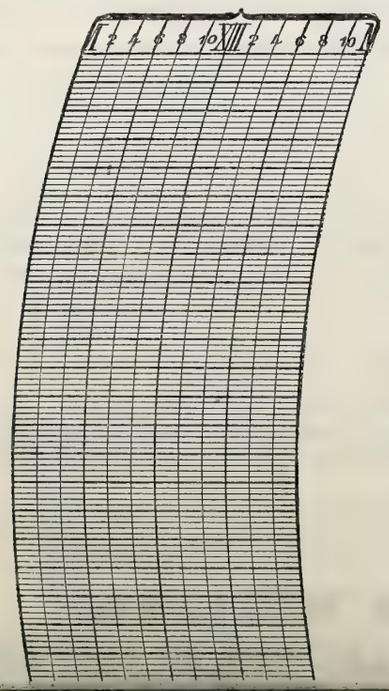


NOTES.

Prepared by .....

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____, p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

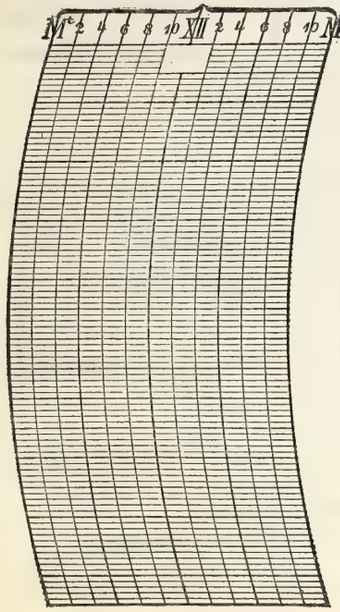
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH.



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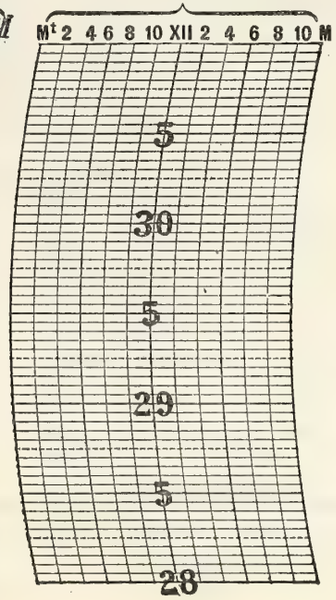

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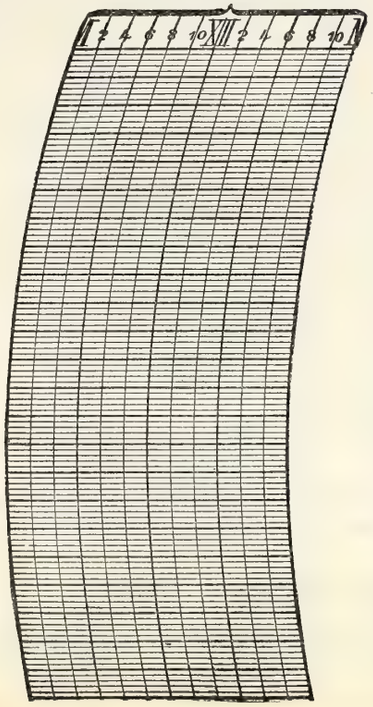


NOTES.

Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____, p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

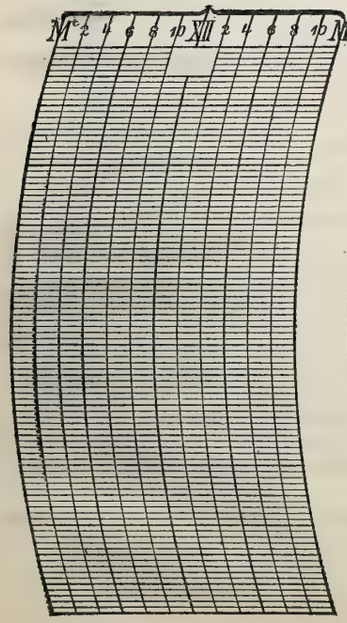
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH.



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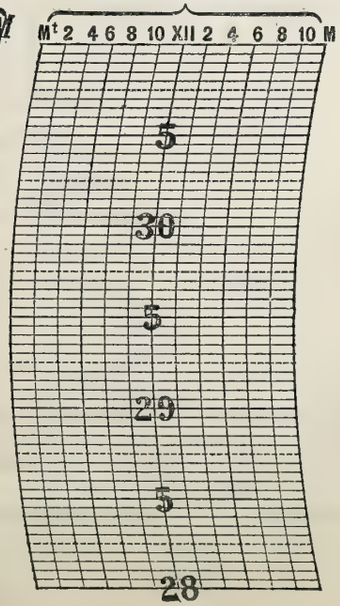

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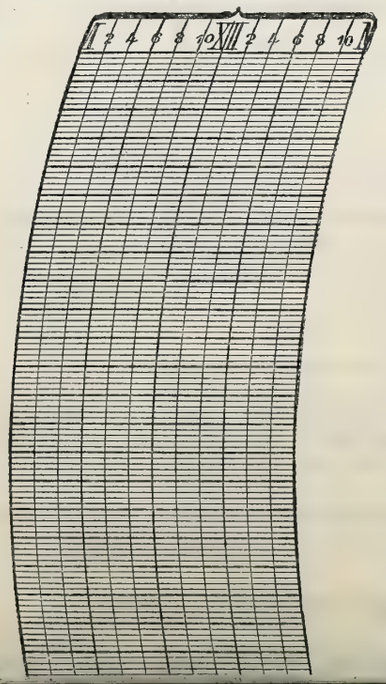

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
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Sunshine (in tenths of hours)																								
Wind direction																								
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From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
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Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

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Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____, p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

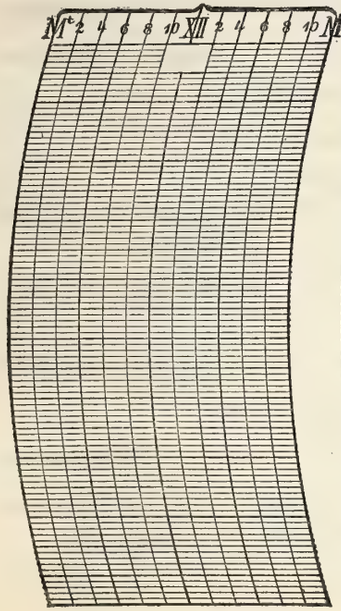
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH.



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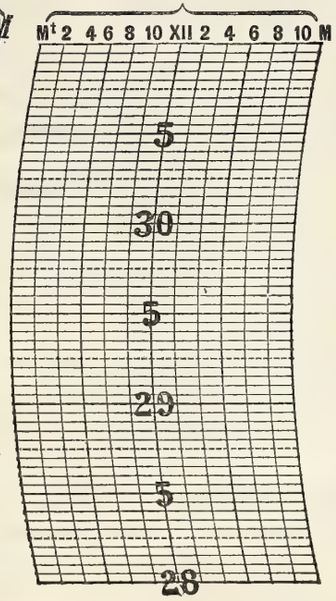

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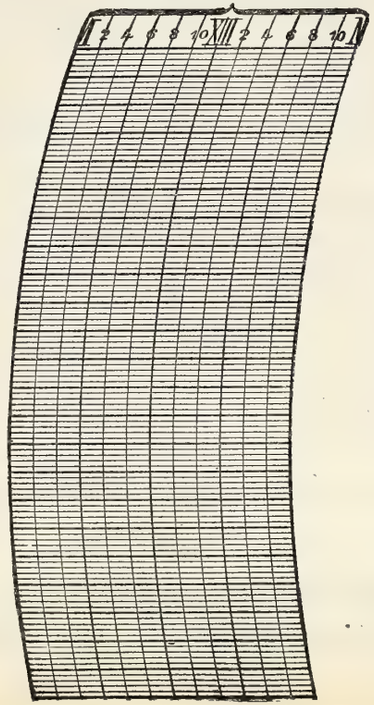

NOTES.

Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

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DAILY LOCAL RECORD.

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Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____, p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

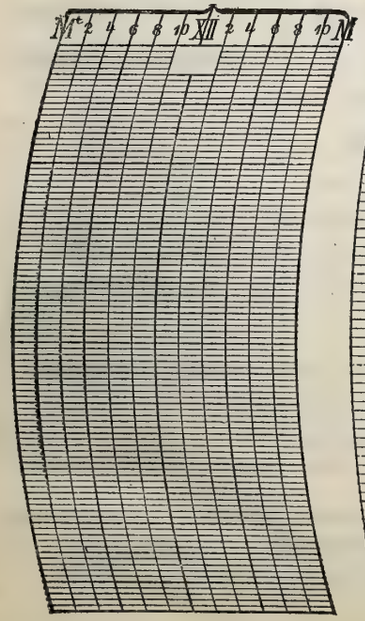
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH.



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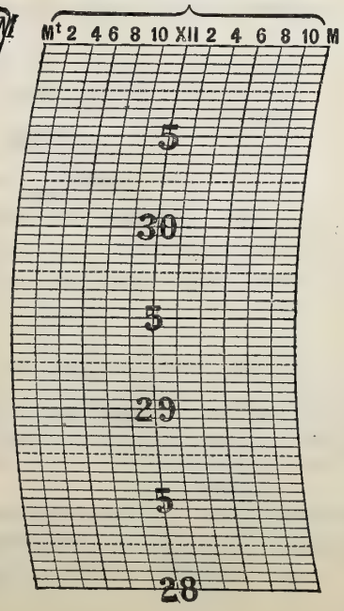
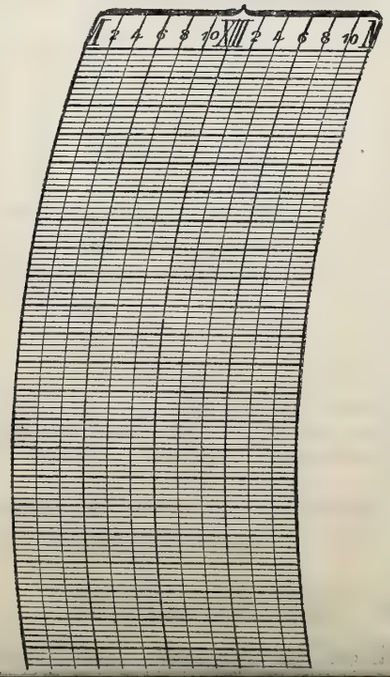


THERMOGRAPH.



NOTES.

Prepared by _____

INDEX, DAILY LOCAL RECORD, 1922.

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras	0	0	0	0	0	0	0	0	0	0	0	0
Clouds, special formation	0	0	0	0	0	0	0	0	0	0	0	0
Cold waves	20,	0	0	0	0	0	0	0	27, 0	0	0	18, 18
Dew, heavy deposits of	0	0	0	0	0	14, 15,	[illegible]	30	12, 22, 25, 26	31	15,	0
Droughts	0	0	0	0	0	0	0	0	0	0	0	0
Earthquakes	0	0	0	0	0	0	0	0	0	0	0	0
Fires, forest	—	—	—	—	—	—	—	—	—	—	—	—
Fog, dense	18, 31.	0	0	0	0	0	0	0	0	29	0	3, 25
Floods, other than in rivers	0	0	0	0	0	0	0	0	0	0	0	0
Frosts, light	—	—	0	19,	0	0	0	0	0	0	—	—
Heavy	—	—	0	27, 29	0	0	0	0	0	12	—	—
Killing	—	—	0	—	—	—	—	—	—	13	—	—
First killing after July 15	—	—	—	—	—	—	—	—	—	13	—	—
Last killing before July 15	—	—	—	Temp 29 on 1/35	—	—	—	—	—	—	—	—
Last heavy before July 15	—	—	—	29	—	—	—	—	—	~~12~~	—	—
First heavy after July 15	—	—	—	—	—	—	—	—	—	12	—	—
Hail. *See* Precipitation	0	0	0	10	0	3, 0	0	0	0	0	0	0
Ice	0	0	0	0	0	0	0	0	0	0	0	13, 28-30
Lightning, damage by	0	0	0	0	0	0	[illegible]	0	0	0	0	0
Deaths by	0	0	0	0	4,	0	[illegible]	0	0	0	0	0
Meteors	0	0	0	0	0	0	0	0	0	0	0	0
Navigation, opening	—	—	—	—	—	—	—	—	—	—	—	—
Closing	—	—	—	—	—	—	—	—	—	—	—	—
Impeded	—	—	—	—	—	—	—	—	—	—	—	—
Observations, not taken	0	0	0	0	0	0	0	0	0	0	0	0
Taken late	0	0	0	0	0	0	0	0	0	0	0	31
Special	14, 19,	1, 10, 12, 15, 23, 17	1, 10, 19, 30, 31	13, 19,	19, 31	0	0	0	0	7,	13, 23, 24, 29	0
Optical phenomena, haze	0	0	0	0	0	0	0	[illegible]	0	0	0	0
Coronæ	0	10	0	0	0	0	0	0	0	0	29	0
Halo, lunar	8, 10, 12, 14,	8	9,	4,	0	1	0	0	0	5	4	30
Solar	14, 17,	8, 14, 26	9, 17,	24, 29	25	1	3, 10	0	0	22, 31	10	20,
Parhelia	0	0	0	0	0	0	0	0	0	0	0	
Parselenæ	0	0	0	0	0	0	0	0	0	0	0	
Rainbows	0	0	0	0	0	0	0	0	0	0	0	
Sunrise, peculiar	0	0	0	0	0	0	0	0	0	0	0	
Sunset, peculiar	0	0	0	0	0	0	0	0	0	0	0	
Zodiacal light	0	0	0	0	0	0	0	0	0	0	0	
Precipitation, rain, heavy	0	0	30	17	0	0	[illegible]	0	0	7	0	
Excessive	0	0	0	0	0	9	11, 31	0	0	6 or 7.	0	0
Sleet	0	5, 12	18	0	0	0	0	0	0	0	0	

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INDEX, DAILY LOCAL RECORD, 1922.

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation—Continued.												
Snow, light	18, 20, 21 1, 5, 12, 13, 14, 15, 17	27 15, 16, 18, 23, 26 2, 3, 6, 7, 9, 11, 12	1, 2, 7, 11, 20, 21, 31	17, 20	0	0	0	0	0	0	20, 21, 24, 25, 26, 27	13, 14, 15, 16, 17, 18.
Heavy	0	0	0	0	0	0	0	0	0	0	0	0
Hail	0	0	0	10	0	30	0	0	0	0	0	0
Wet periods	17-21,	10	18-21, 26-31	2-5, 7-11, 19-22.	0	26 TO	2, 27-31	17-24	8-11	6-12	0	13-17
Rivers, rapid rise	5	0	11, 27	0	0	0	0	0	0	0	0	0
Flood stages	0	0	31	15, 18, 19, 20, 21, 22, 1, 2, 3, 4, 5, 13, 18, 19	0	0	0	0	0	0	0	0
Low-water stages, unusual	0	0	0	0	0	0	0	0	0	0	0	0
High water, periods of	0	0	14-16, 28-31	1-5 12-22,	0	0	0	0	0	0	0	0
Frozen	0	0	0	0	0	0	0	0	0	0	0	0
Floating débris	0	0	0	0	0	0	0	0	0	0	0	0
Gorges	0	0	0	0	0	0	0	0	0	0	0	0
Running ice	0	0	0	0	0	0	0	0	0	0	0	0
Warnings. *See* Warnings	—	—	—	—	—	—	—	—	—	—	—	—
Smoke, light	0	0	0	0	0	0	0	0	0	21	0	0
Dense	0	0	0	0	0	0	0	0	0	0	0	0
Temperature, unusually high	0	22	25	0	0							0
Unusually low	0	0	0	0	0	0	0	0	0	0	0	0
Sudden rise	0	22	25	0	0							0
Sudden fall	0	0	0	0	0					0		17-18.
Periods of high	0	0	0	0	0	29	0			0	0	0
Periods of low	0	0	0	0	0	0	0	0	0	0	0	0
Thunderstorms	0	0	23, 24,	10, 11, 13, 14, 17,	4, 9, 10, 11, 12, 16, 17, 18, 24, 25, 31	9, 10, 16, 24, 27, 28, 30	1, 10, 11, 16, 23, 31	6, 18, 24, 29	1, 2, 8, 9, 10	0	0	0
Tornadoes	0	0	0	0	0	0	0	0	0	0	0	0
Warnings, advisory	0	0	0	0	0	0	0	0	0	0	0	0
Cold wave	4, 19, 21, 22,	12, 23, 27	28,	0	0	0	0	0	0	0	0	11, 12
Emergency	0	0	0	0	0	0	0	0	0	0	0	0
Frost	0	0	0	0	0	0	0	0	0	12	0	0
Hurricane	0	0	0	0	0	0	0	0	0	0	0	0
Rapid rise in river	0	0	0	0	0	0	0	0	0	0	0	0
Flood	0	0	14, 28, 30, 31	14, 17,	0	0	0	0	0	0	0	0
Winds, 25 to 39 miles per hour	9, 11, 14, 15, 19	3, 9, 12, 17, 18, 19, 22	6, 9, 18, 19, 20, 21, 25, 28, 31	8, 10, 13, 18,	6, 12, 19,	8, 10, 11, 17, 30	7, 11, 12, 16, 17,	7, 18, 24	8,	15, 16, 24, 25,	3, 6, 7, 13, 18, 19, 23, 29, 30	1, 5, 8, 11, 12,
40 miles per hour, or over	4	2, 23	0	7, 11, 17, 19,	0	0	10	0	0	0	0	0
Hurricanes	0	0	0	0	0	0	0	0	0	0	0	0

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